

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047545.D
 Acq On : 17 Sep 2024 15:48
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10 ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 17 16:26:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	700940	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	3214908	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1869328	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	3551236	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2763097	20.000	ng	0.00
86) Perylene-d12	24.462	264	2207975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	4827452	109.658	ng	0.00
7) Phenol-d6	7.010	99	6965993	112.361	ng	0.00
23) Nitrobenzene-d5	9.004	82	4713045	73.367	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	2206868	122.138	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	10152317	74.813	ng	0.00
79) Terphenyl-d14	19.827	244	11483994	74.477	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	162983	8.644	ng	99
3) Pyridine	3.722	79	421907	7.517	ng	98
4) n-Nitrosodimethylamine	3.628	42	225044	8.837	ng	# 98
6) Aniline	7.175	93	523732	9.529	ng	97
8) 2-Chlorophenol	7.410	128	400607	8.255	ng	96
9) Benzaldehyde	6.987	77	402162m	13.642	ng	
10) Phenol	7.034	94	532244	8.574	ng	96
11) bis(2-Chloroethyl)ether	7.269	93	427620	8.580	ng	97
12) 1,3-Dichlorobenzene	7.739	146	415370	7.820	ng	97
13) 1,4-Dichlorobenzene	7.881	146	427596	7.903	ng	99
14) 1,2-Dichlorobenzene	8.198	146	415877	7.811	ng	99
15) Benzyl Alcohol	8.081	79	364241	8.674	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	640964	9.143	ng	99
17) 2-Methylphenol	8.281	107	298743	7.533	ng	97
18) Hexachloroethane	8.934	117	177352	8.206	ng	94
19) n-Nitroso-di-n-propyla...	8.651	70	360911	8.634	ng	98
20) 3+4-Methylphenols	8.610	107	407162	7.358	ng	96
22) Acetophenone	8.663	105	678112	8.023	ng	97
24) Nitrobenzene	9.039	77	540075	8.182	ng	98
25) Isophorone	9.569	82	943511	8.354	ng	100
26) 2-Nitrophenol	9.751	139	166332	7.395	ng	96
27) 2,4-Dimethylphenol	9.810	122	116485	3.416	ng	97
28) bis(2-Chloroethoxy)met...	10.051	93	578809	8.159	ng	100
29) 2,4-Dichlorophenol	10.286	162	323111	7.459	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	362314	7.301	ng	97
31) Naphthalene	10.692	128	1309313	7.541	ng	100
32) Benzoic acid	9.922	122	295611	14.266	ng	99
33) 4-Chloroaniline	10.792	127	499343	7.954	ng	98
34) Hexachlorobutadiene	10.986	225	189707	6.902	ng	98
35) Caprolactam	11.557	113	114875	8.051	ng	97
36) 4-Chloro-3-methylphenol	11.916	107	368227	7.417	ng	96
37) 2-Methylnaphthalene	12.304	142	853355	7.384	ng	99
38) 1-Methylnaphthalene	12.522	142	812433	7.074	ng	98
40) 1,2,4,5-Tetrachloroben...	12.669	216	374618	7.406	ng	98
41) Hexachlorocyclopentadiene	12.657	237	62834	3.800	ng	95
43) 2,4,6-Trichlorophenol	12.910	196	224514	7.085	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	252524	7.055	ng	97
46) 1,1'-Biphenyl	13.316	154	1084732	7.458	ng	99
47) 2-Chloronaphthalene	13.351	162	818938	7.251	ng	98
48) 2-Nitroaniline	13.545	65	254341	7.668	ng	94
49) Acenaphthylene	14.198	152	1294270	7.942	ng	100
50) Dimethylphthalate	13.933	163	956346	7.506	ng	100
51) 2,6-Dinitrotoluene	14.039	165	190860	7.096	ng	89
52) Acenaphthene	14.539	154	829783	7.267	ng	98
53) 3-Nitroaniline	14.368	138	222646	7.447	ng	95
54) 2,4-Dinitrophenol	14.568	184	83357	10.661	ng	91
55) Dibenzofuran	14.874	168	1186958	7.397	ng	97
56) 4-Nitrophenol	14.668	139	319494	12.987	ng	98
57) 2,4-Dinitrotoluene	14.827	165	250683	6.988	ng	92
58) Fluorene	15.521	166	1029514	7.126	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	202093	7.242	ng	94
60) Diethylphthalate	15.298	149	1024399	7.555	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	451131	6.830	ng	94
62) 4-Nitroaniline	15.521	138	239064	6.803	ng	92
63) Azobenzene	15.810	77	1221063	8.178	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	93677	11.577	ng	93
66) n-Nitrosodiphenylamine	15.727	169	775046	7.134	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	228523	6.623	ng	97
68) Hexachlorobenzene	16.521	284	260888	6.674	ng	94
69) Atrazine	16.674	200	227957	7.592	ng	98
70) Pentachlorophenol	16.862	266	252457	11.141	ng	99
71) Phenanthrene	17.251	178	1419192	7.252	ng	99
72) Anthracene	17.345	178	1246491	6.629	ng	100
73) Carbazole	17.604	167	1304205	6.999	ng	99
74) Di-n-butylphthalate	18.180	149	1664980	7.468	ng	99
75) Fluoranthene	19.262	202	1398752	6.551	ng	98
77) Benzidine	19.439	184	207441	5.331	ng	99
78) Pyrene	19.621	202	1470623	7.297	ng	99
80) Butylbenzylphthalate	20.521	149	574721	7.408	ng	97
81) Benzo(a)anthracene	21.421	228	1373675	7.627	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	363235	7.582	ng	99
83) Chrysene	21.480	228	1237743	7.266	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	922807	7.592	ng	# 97
85) Di-n-octyl phthalate	22.497	149	1254215	7.295	ng	98
87) Indeno(1,2,3-cd)pyrene	27.873	276	1072126	8.114	ng	# 90
88) Benzo(b)fluoranthene	23.503	252	1077241	7.541	ng	97
89) Benzo(k)fluoranthene	23.568	252	1102592	7.788	ng	98
90) Benzo(a)pyrene	24.315	252	915658	7.820	ng	# 97
91) Dibenzo(a,h)anthracene	27.938	278	883303	7.945	ng	96
92) Benzo(g,h,i)perylene	28.932	276	842675	7.760	ng	96

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

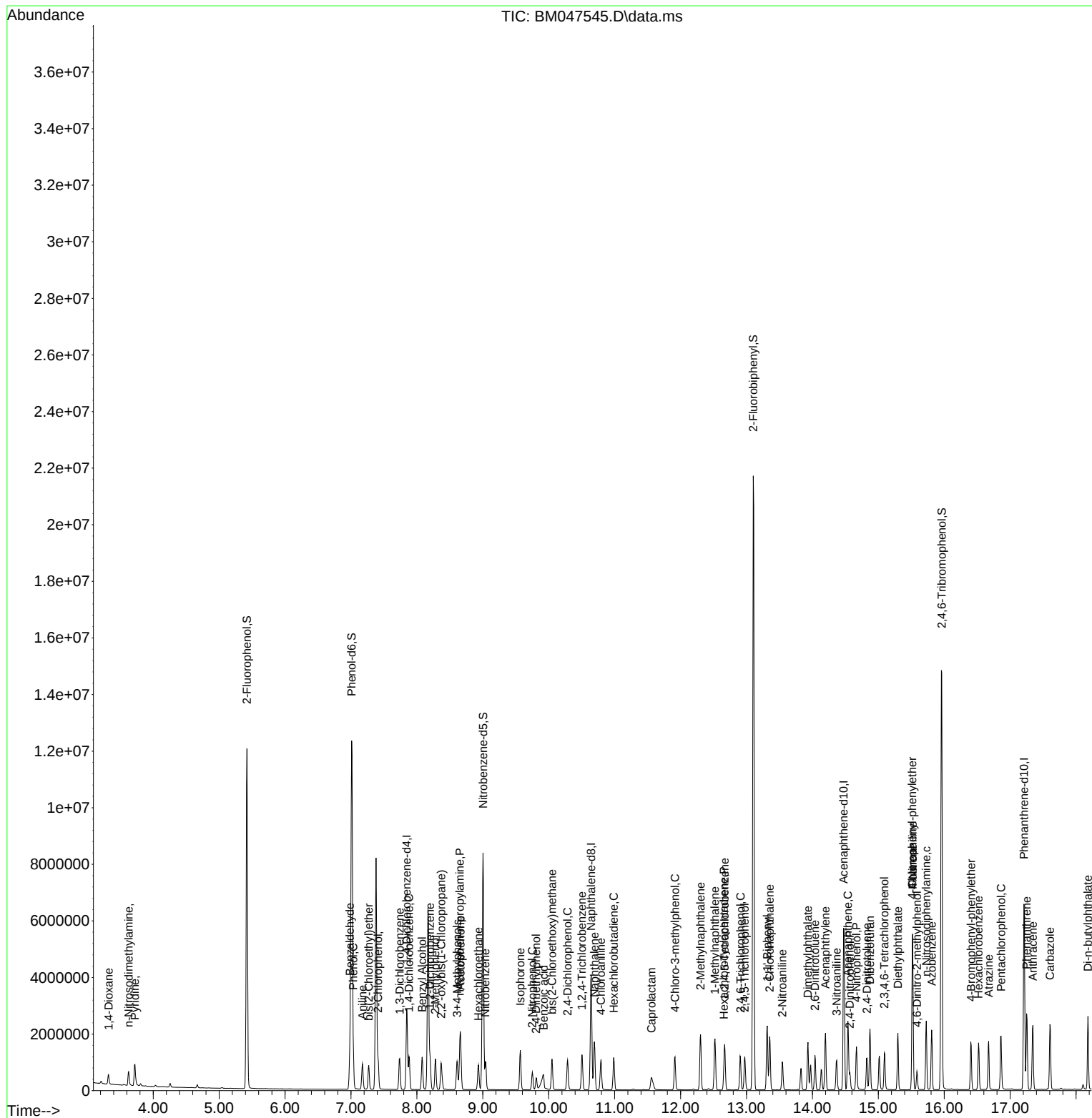
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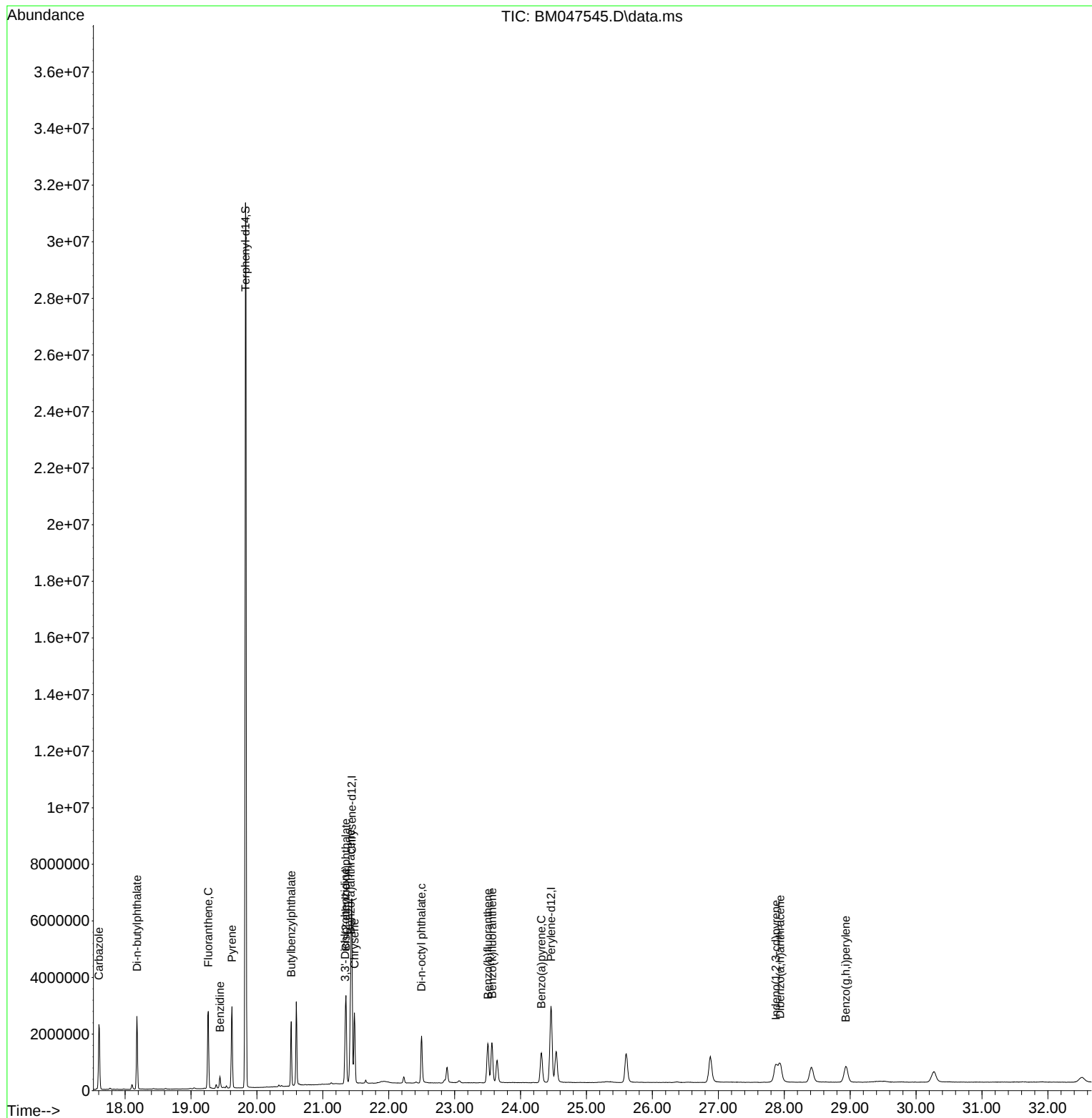
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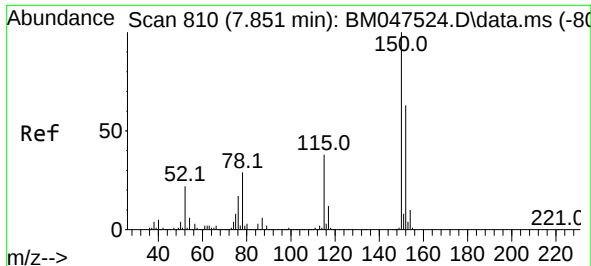
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ClientSampleId :
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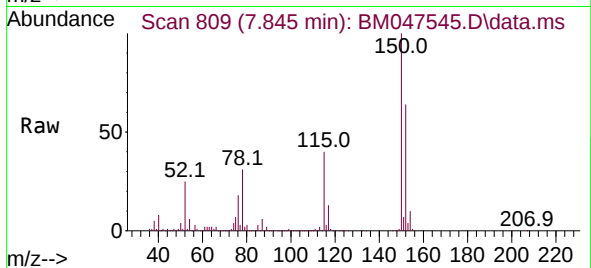
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

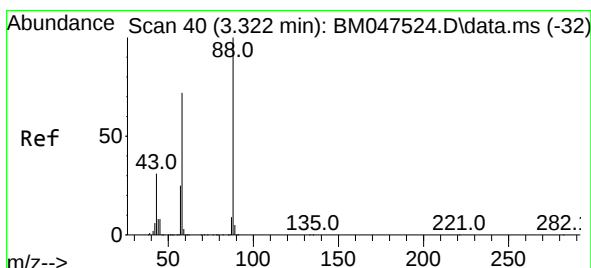
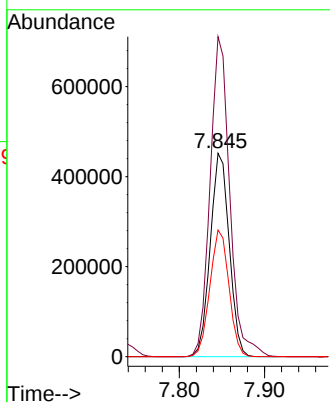
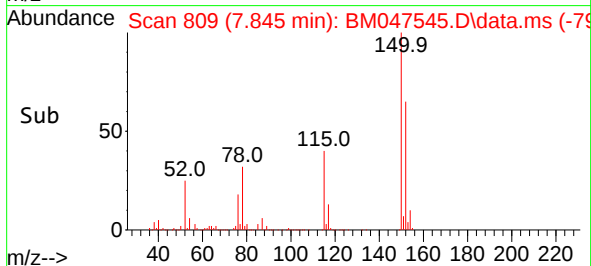
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 152 Resp: 700940
Ion Ratio Lower Upper
152 100
150 157.3 126.8 190.2
115 62.3 47.8 71.8

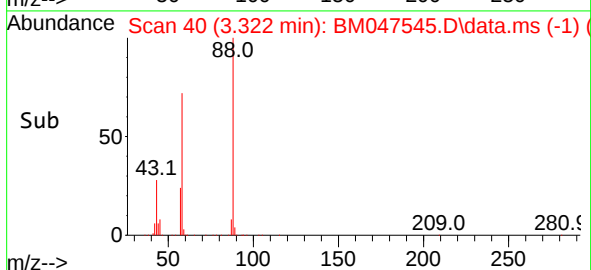
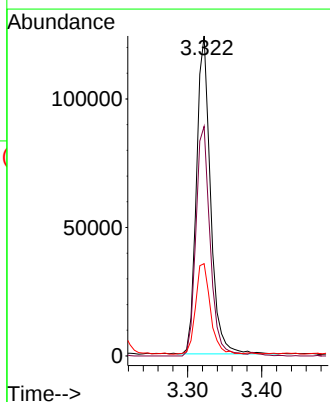
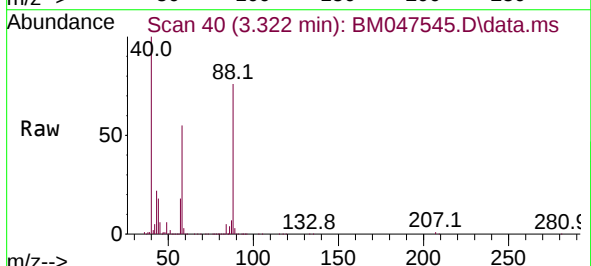
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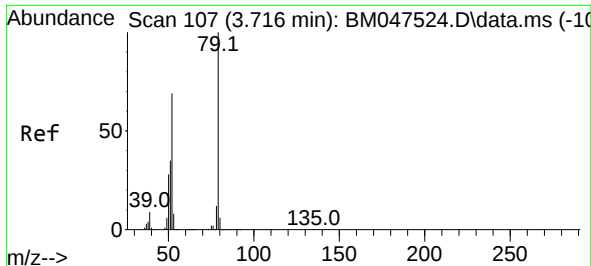
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#2
1,4-Dioxane
Concen: 8.644 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

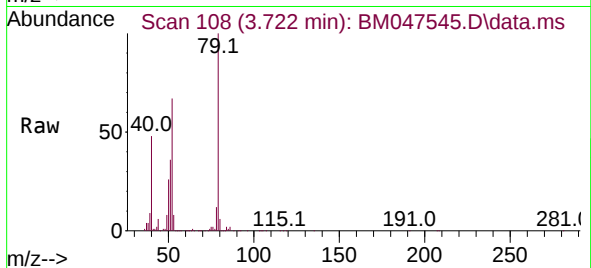
Tgt Ion: 88 Resp: 162983
Ion Ratio Lower Upper
88 100
58 73.4 59.0 88.6
43 30.0 25.0 37.4





#3
Pyridine
Concen: 7.517 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

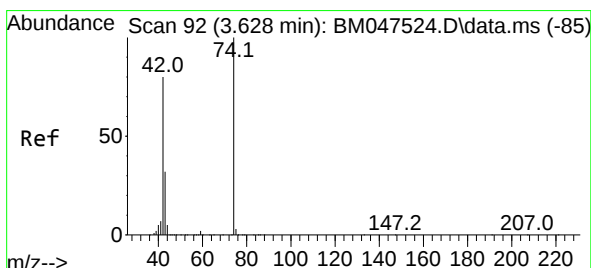
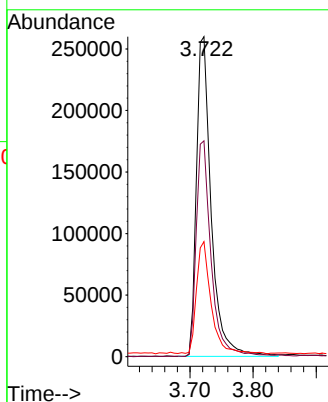
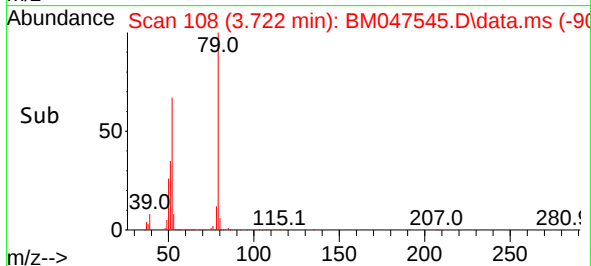
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 42190
Ion Ratio Lower Upper
79 100
52 67.5 55.4 83.0
51 36.0 27.9 41.9

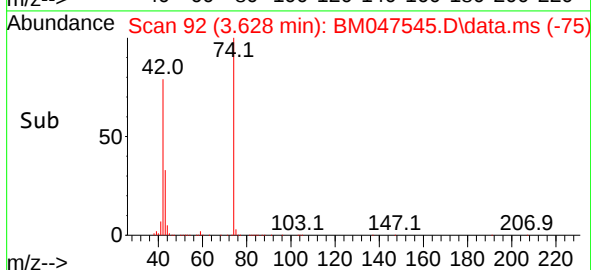
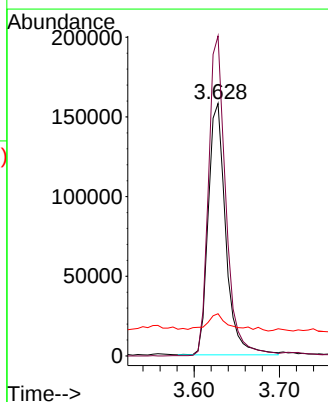
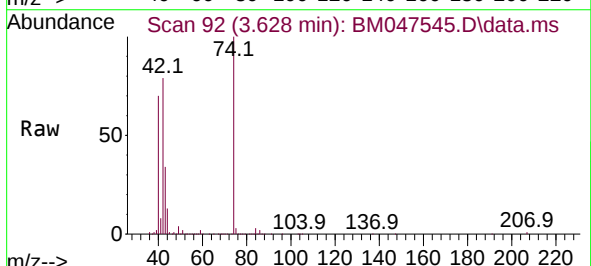
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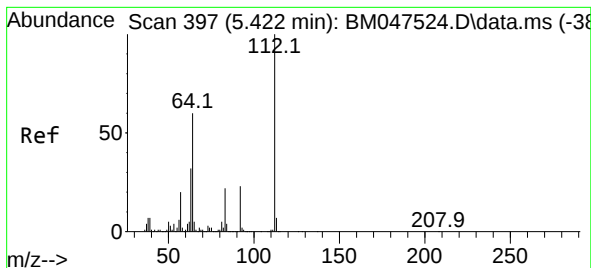
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#4
n-Nitrosodimethylamine
Concen: 8.837 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion: 42 Resp: 225044
Ion Ratio Lower Upper
42 100
74 126.7 100.5 150.7
44 16.7 6.9 10.3





#5

2-Fluorophenol

Concen: 109.658 ng

RT: 5.422 min Scan# 397

Delta R.T. 0.000 min

Lab File: BM047545.D

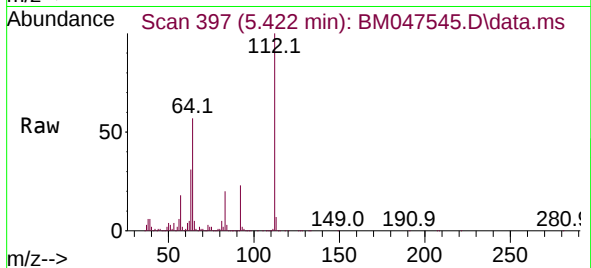
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:112 Resp: 482745

Ion Ratio Lower Upper

112 100

64 57.3 48.2 72.4

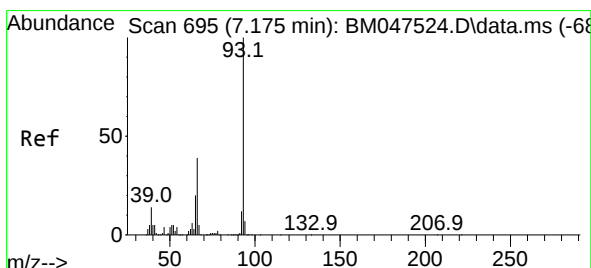
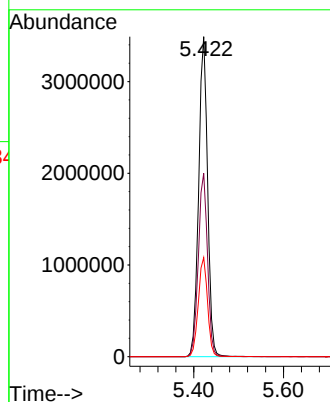
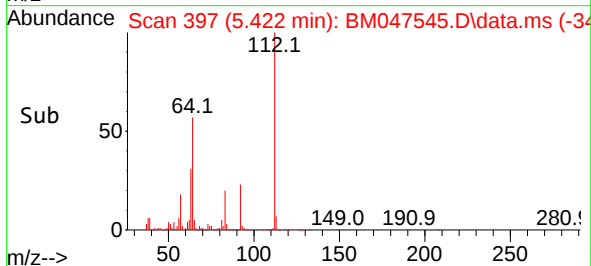
63 31.0 26.0 39.0

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#6

Aniline

Concen: 9.529 ng

RT: 7.175 min Scan# 695

Delta R.T. 0.000 min

Lab File: BM047545.D

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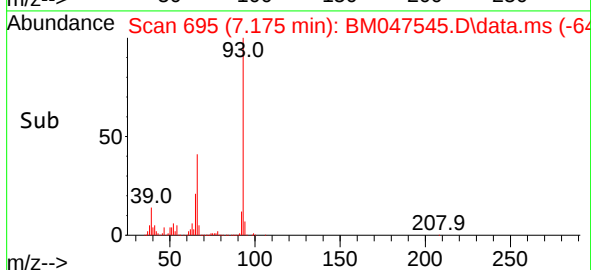
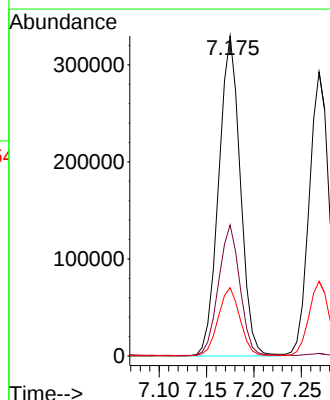
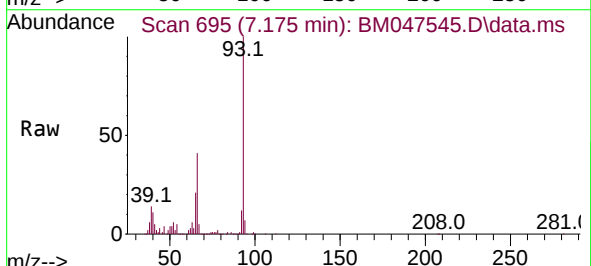
Tgt Ion: 93 Resp: 523732

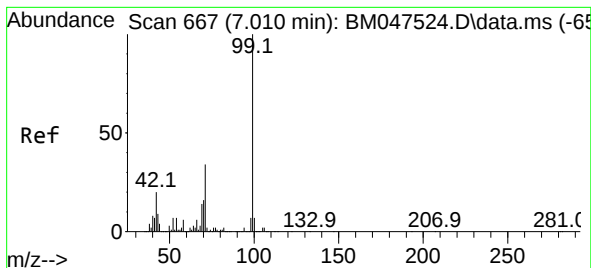
Ion Ratio Lower Upper

93 100

66 40.9 31.4 47.0

65 21.3 16.3 24.5





#7

Phenol-d6

Concen: 112.361 ng

RT: 7.010 min Scan# 60

Delta R.T. 0.000 min

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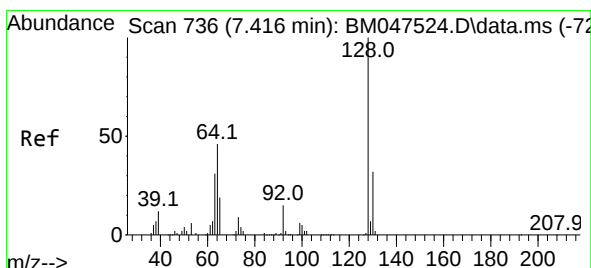
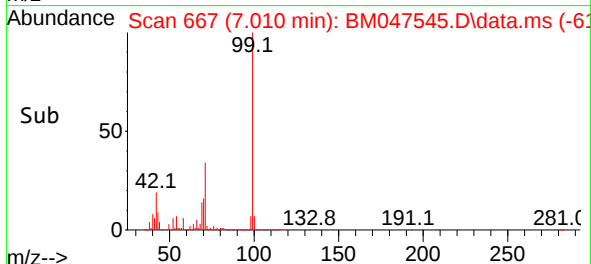
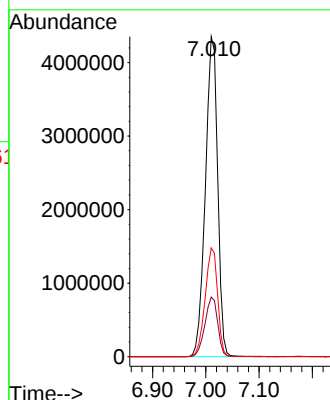
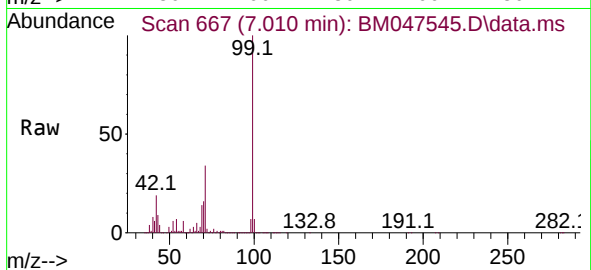
Tgt Ion: 99 Resp: 696599

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.8
71	34.0	27.6	41.4

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#8

2-Chlorophenol

Concen: 8.255 ng

RT: 7.410 min Scan# 735

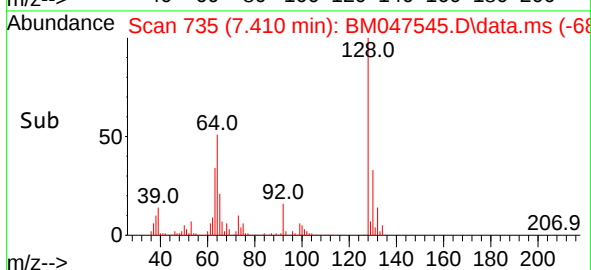
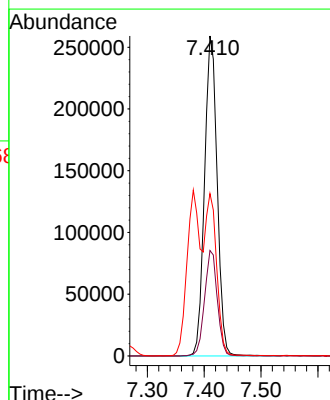
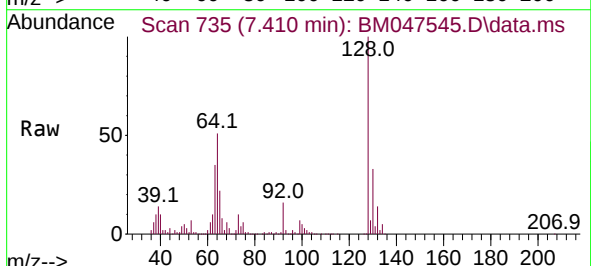
Delta R.T. -0.006 min

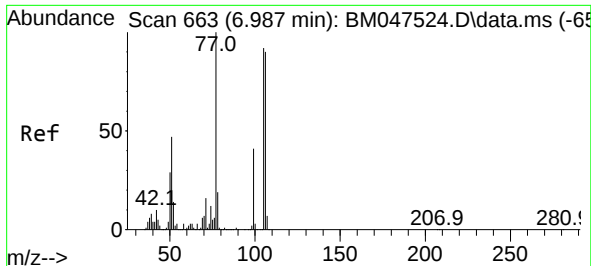
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Tgt Ion:128 Resp: 400607

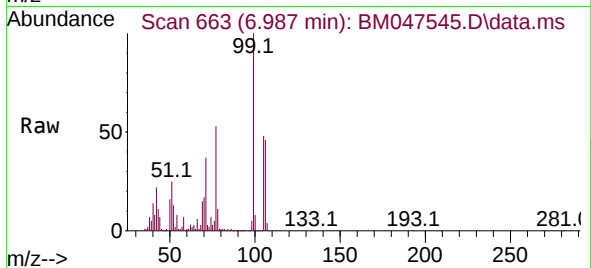
Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.8	51.8
64	50.8	27.6	67.6





#9
Benzaldehyde
Concen: 13.642 ng m
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

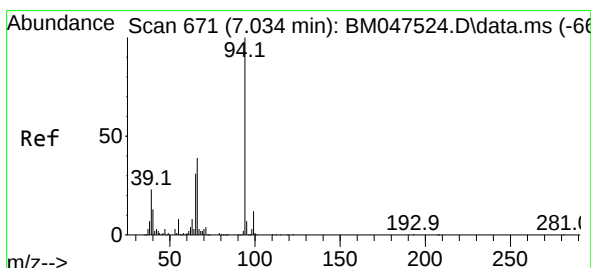
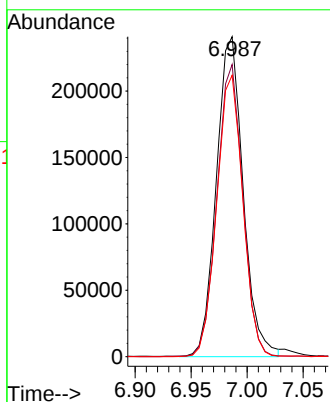
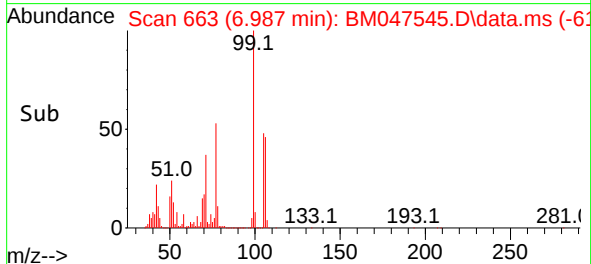
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 77 Resp: 402162
Ion Ratio Lower Upper
77 100
105 91.3 71.8 111.8
106 88.0 69.7 109.7

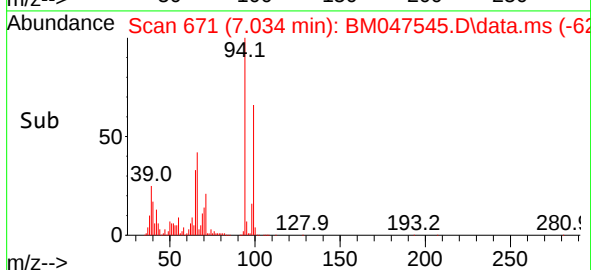
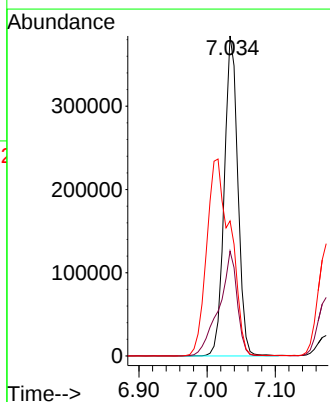
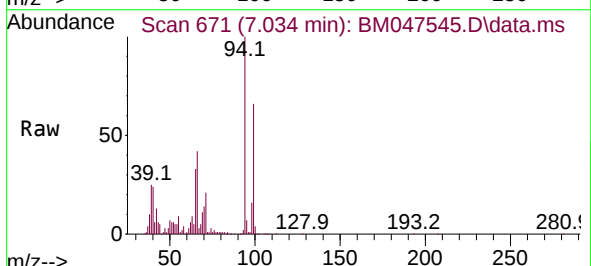
Manual Integrations
APPROVED

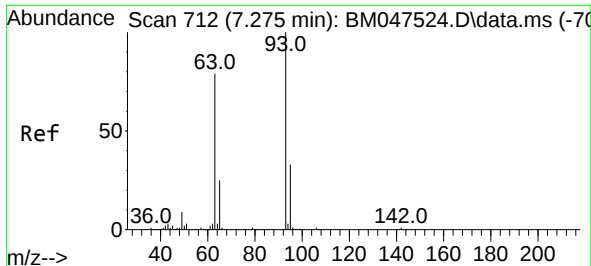
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#10
Phenol
Concen: 8.574 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion: 94 Resp: 532244
Ion Ratio Lower Upper
94 100
65 32.8 10.8 50.8
66 42.2 19.2 59.2





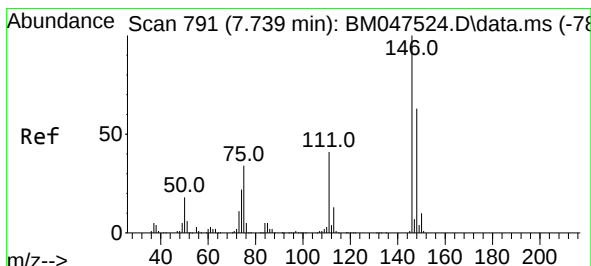
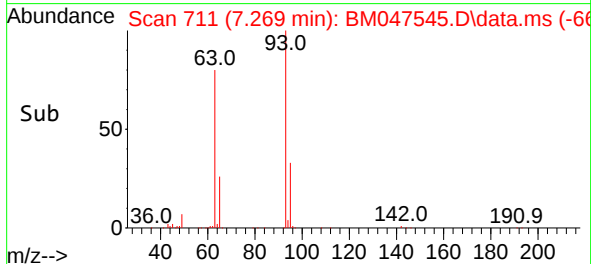
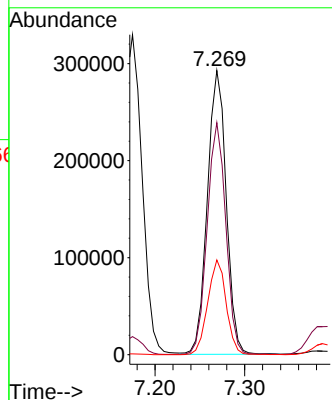
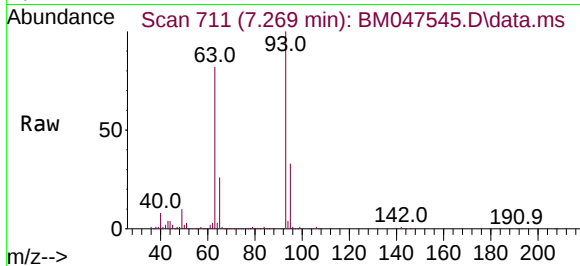
#11
bis(2-Chloroethyl)ether
Concen: 8.580 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 93 Resp: 427620
Ion Ratio Lower Upper
93 100
63 81.6 58.2 98.2
95 33.3 12.8 52.8

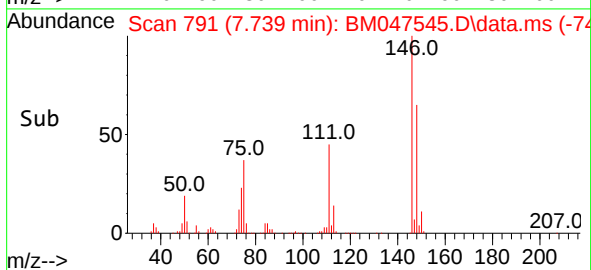
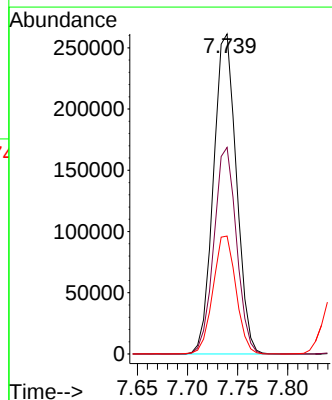
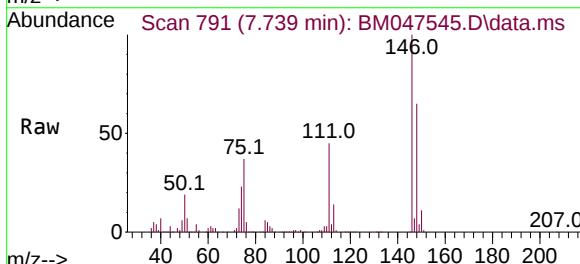
Manual Integrations
APPROVED

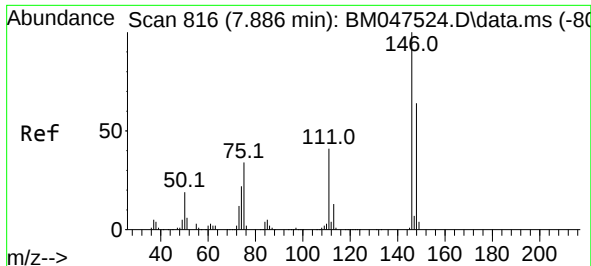
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#12
1,3-Dichlorobenzene
Concen: 7.820 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion:146 Resp: 415370
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.4
75 36.8 27.4 41.0





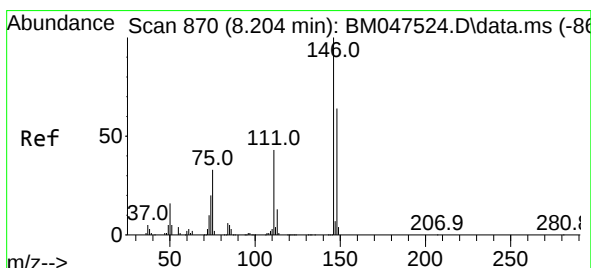
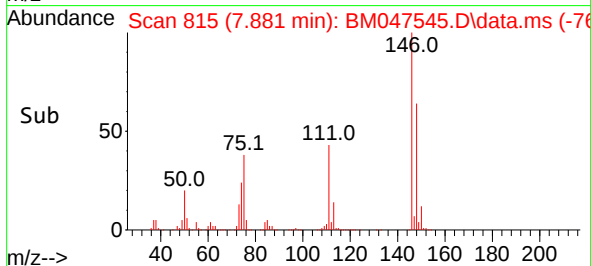
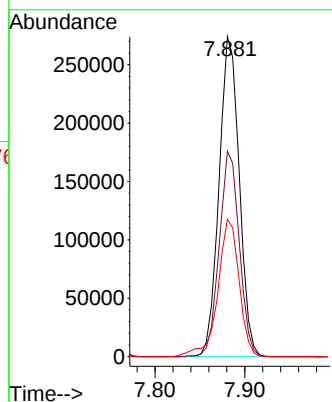
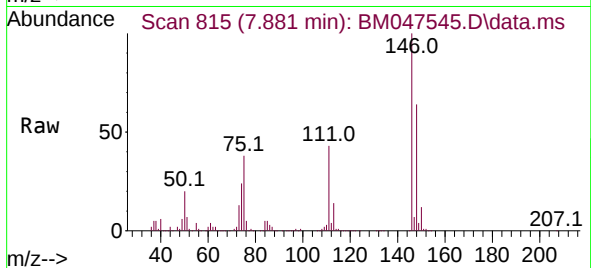
#13
1,4-Dichlorobenzene
Concen: 7.903 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:146 Resp: 427590
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 43.0 32.9 49.3

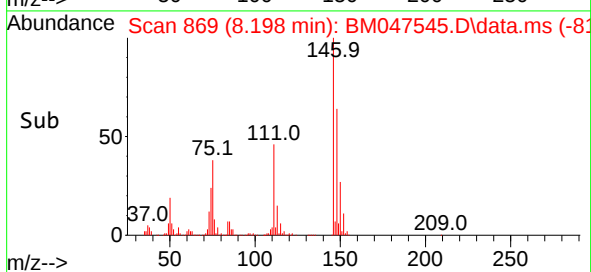
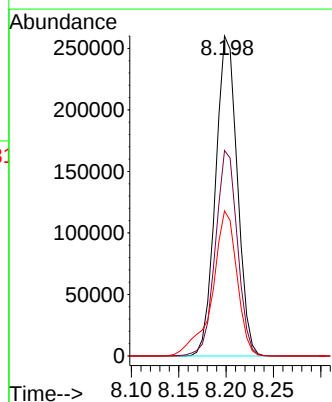
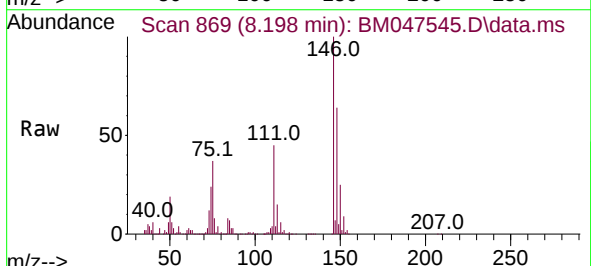
Manual Integrations
APPROVED

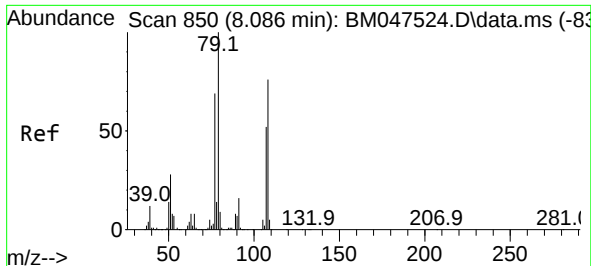
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#14
1,2-Dichlorobenzene
Concen: 7.811 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

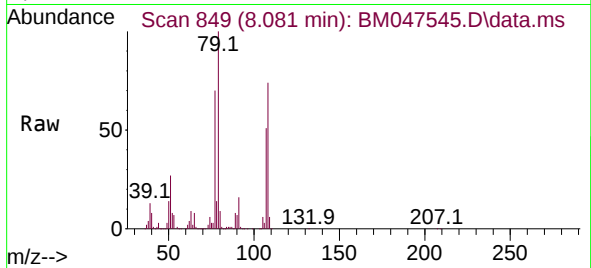
Tgt Ion:146 Resp: 415877
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 45.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 8.674 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

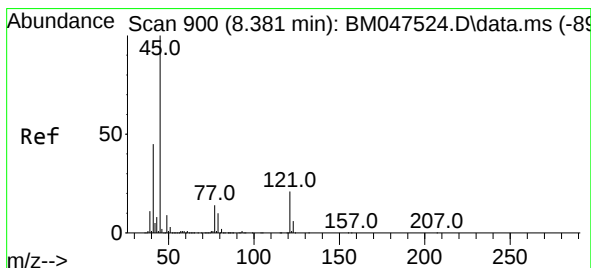
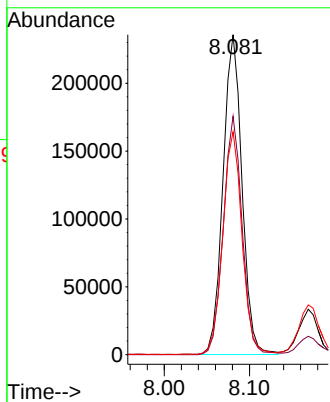
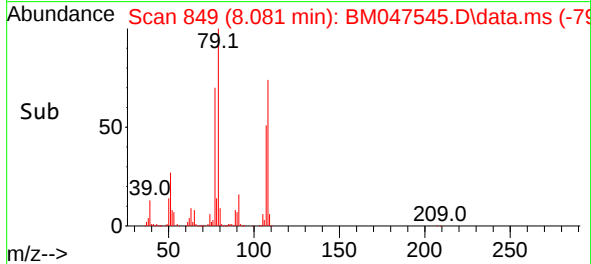
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 36424
Ion Ratio Lower Upper
79 100
108 74.5 60.6 91.0
77 69.7 55.0 82.4

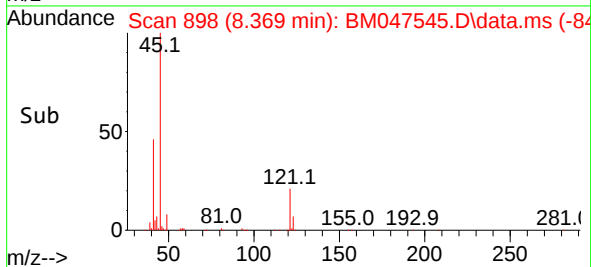
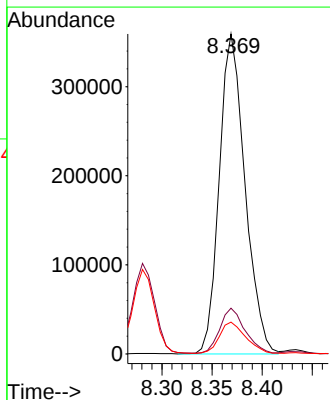
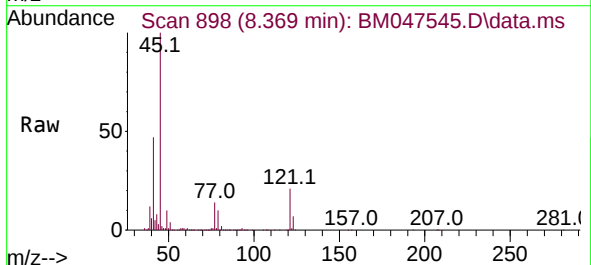
Manual Integrations
APPROVED

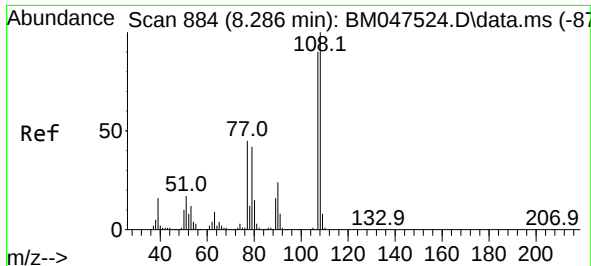
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.143 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

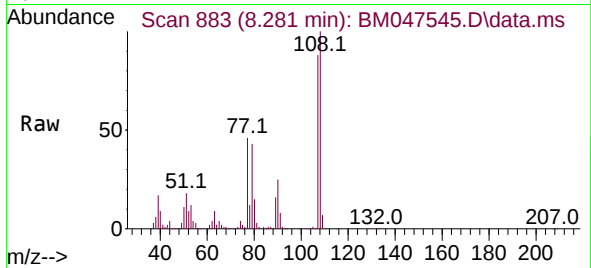
Tgt Ion: 45 Resp: 640964
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.7
79 10.0 0.0 30.3





#17
2-Methylphenol
Concen: 7.533 ng
RT: 8.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

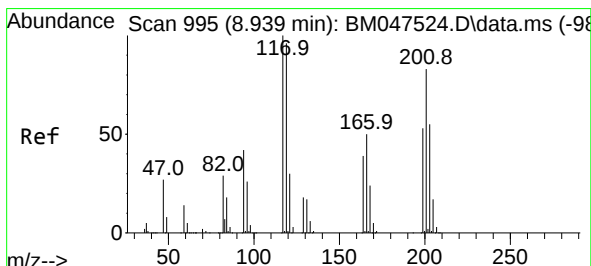
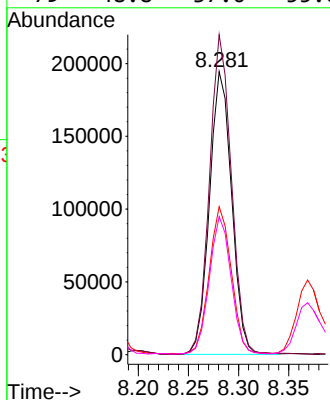
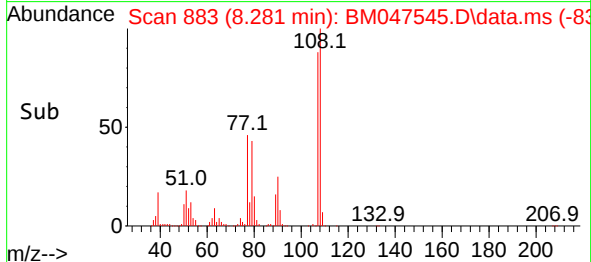
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:107 Resp: 29874
Ion Ratio Lower Upper
107 100
108 113.1 88.9 133.3
77 52.3 39.8 59.8
79 48.8 37.0 55.6

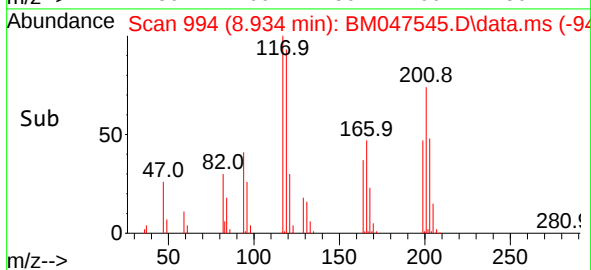
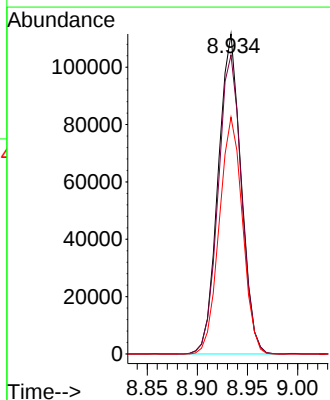
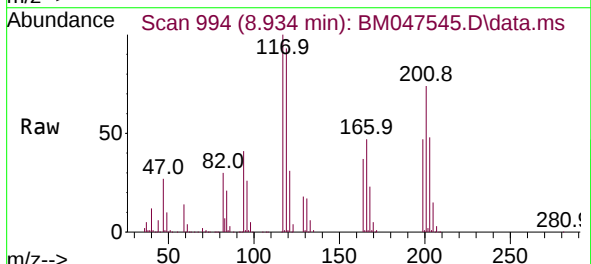
Manual Integrations
APPROVED

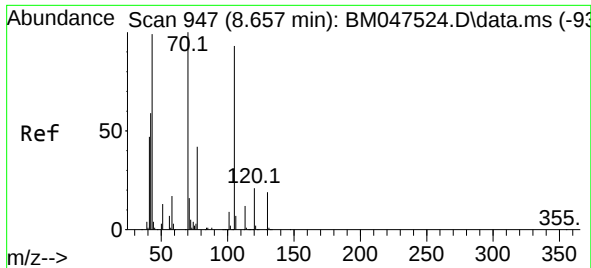
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#18
Hexachloroethane
Concen: 8.206 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

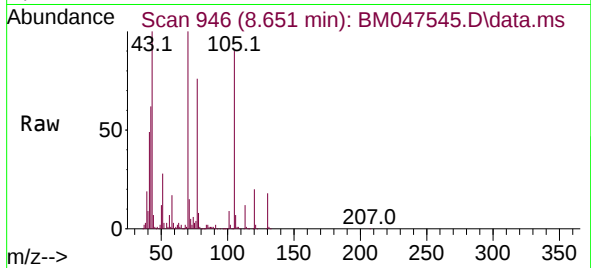
Tgt Ion:117 Resp: 177352
Ion Ratio Lower Upper
117 100
119 93.4 77.0 115.4
201 74.0 66.8 100.2





#19
n-Nitroso-di-n-propylamine
Concen: 8.634 ng
RT: 8.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

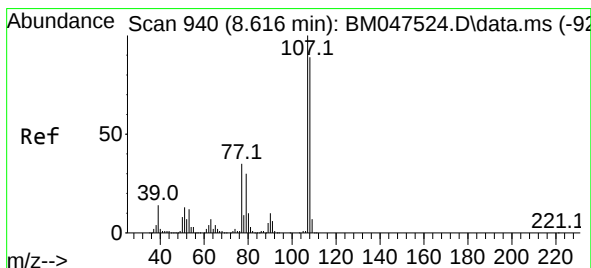
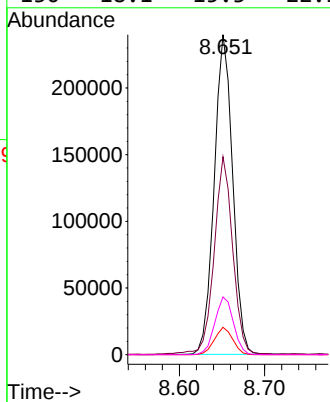
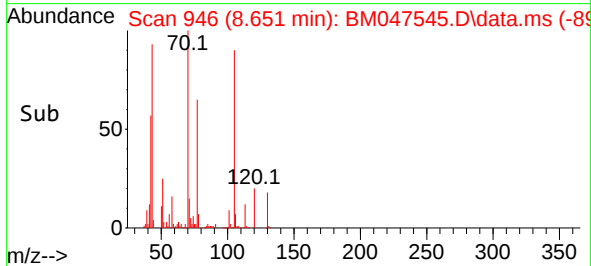
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 70 Resp: 36091
Ion Ratio Lower Upper
70 100
42 61.9 48.2 72.2
101 8.6 7.0 10.4
130 18.1 15.3 22.9

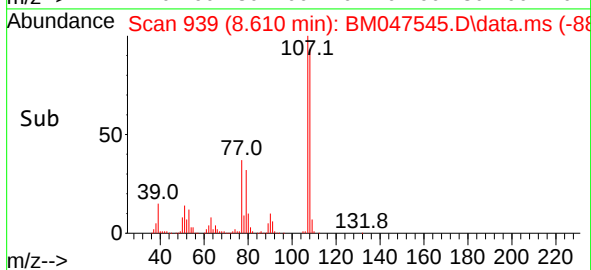
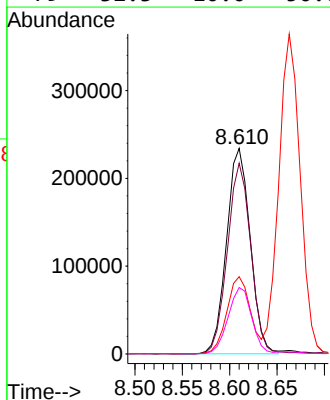
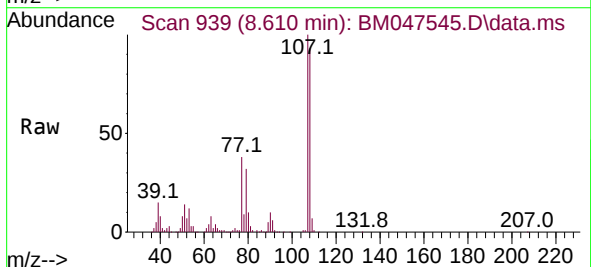
Manual Integrations
APPROVED

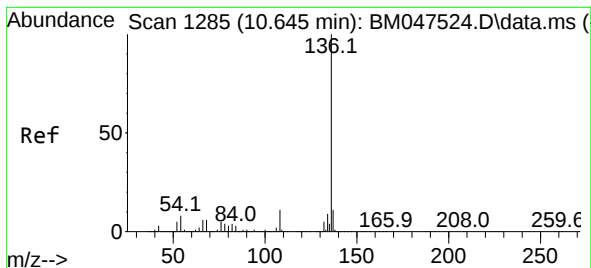
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#20
3+4-Methylphenols
Concen: 7.358 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

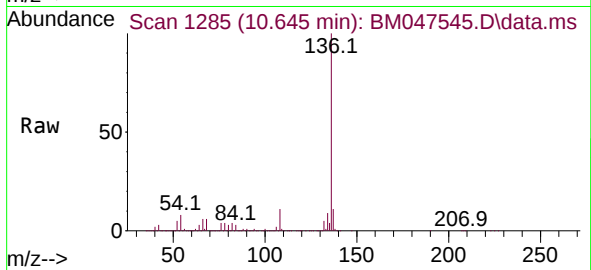
Tgt Ion:107 Resp: 407162
Ion Ratio Lower Upper
107 100
108 92.8 68.9 108.9
77 37.6 15.5 55.5
79 32.3 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

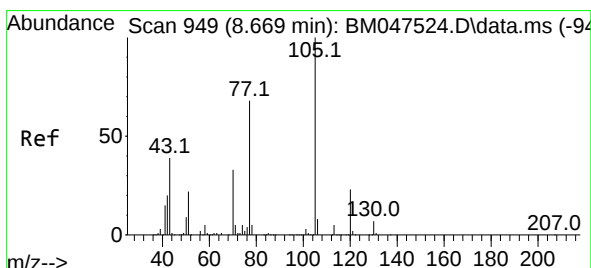
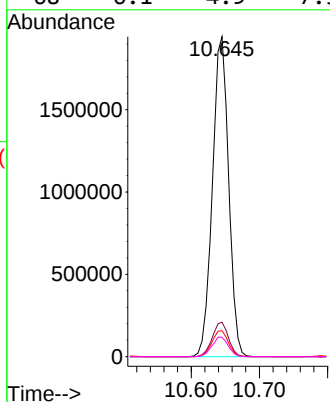
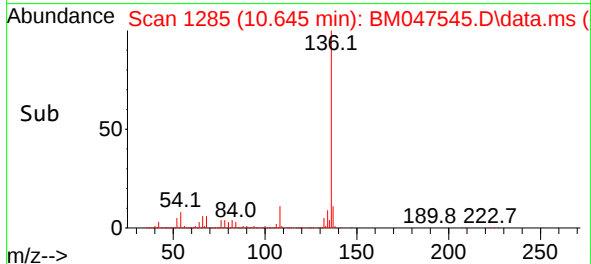
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:136 Resp: 3214908
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.1 6.6 9.8
68 6.1 4.9 7.3

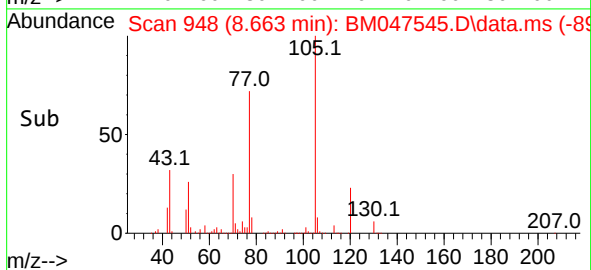
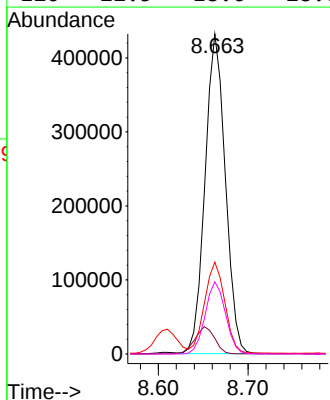
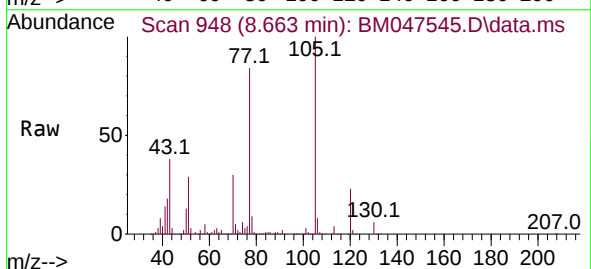
Manual Integrations
APPROVED

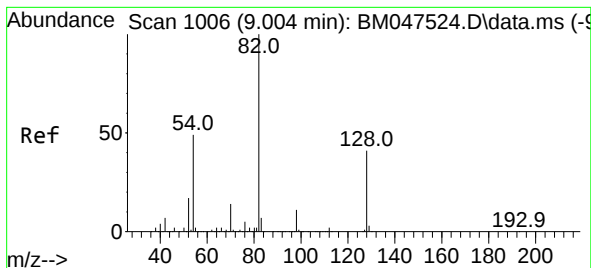
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#22
Acetophenone
Concen: 8.023 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion:105 Resp: 678112
Ion Ratio Lower Upper
105 100
71 4.9 4.3 6.5
51 28.7 21.5 32.3
120 22.5 18.6 28.0





#23

Nitrobenzene-d5

Concen: 73.367 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 82 Resp: 471304

Ion Ratio Lower Upper

82 100

128 41.0 33.0 49.4

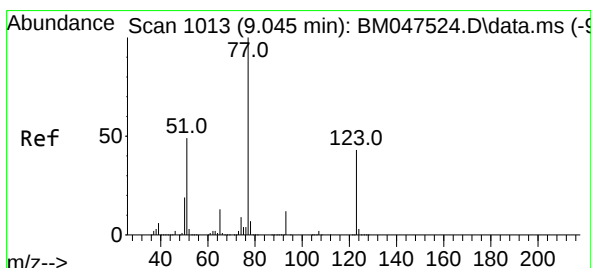
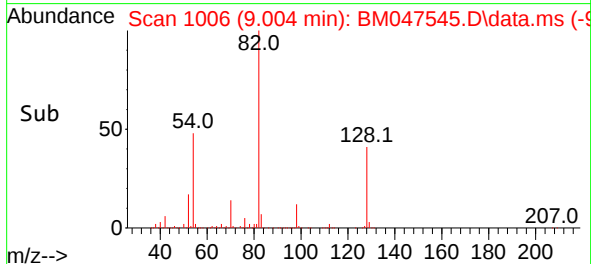
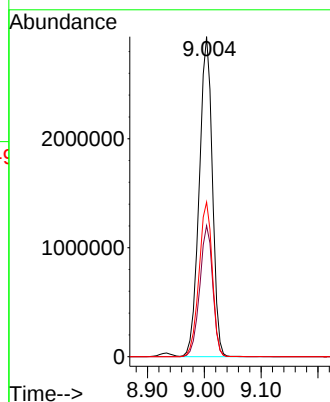
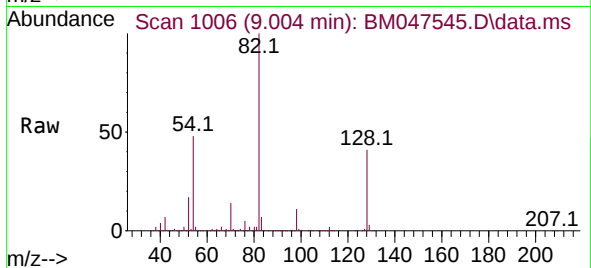
54 48.3 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#24

Nitrobenzene

Concen: 8.182 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

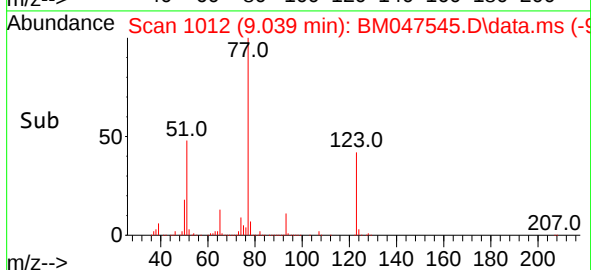
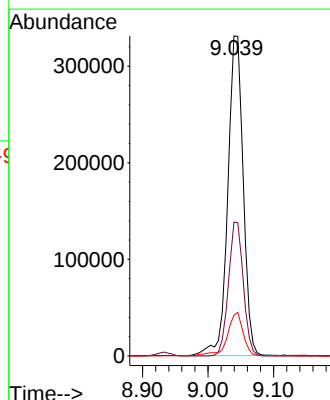
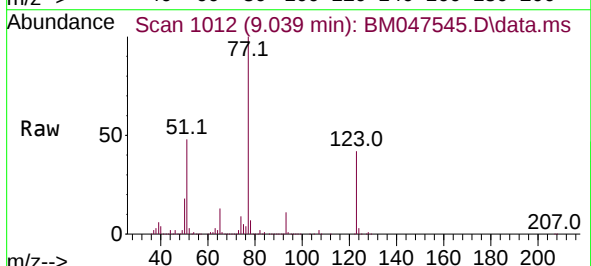
Tgt Ion: 77 Resp: 540075

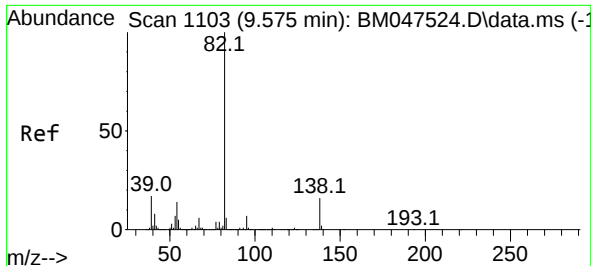
Ion Ratio Lower Upper

77 100

123 41.8 34.5 51.7

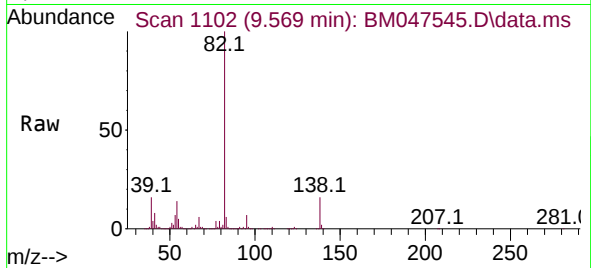
65 12.8 10.7 16.1





#25
Isophorone
Concen: 8.354 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

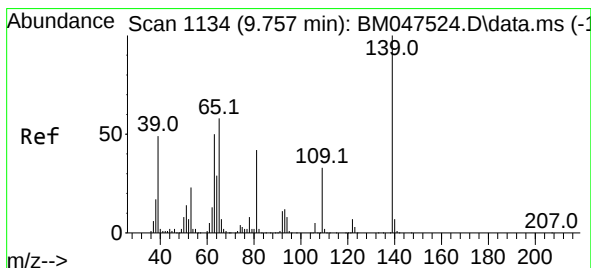
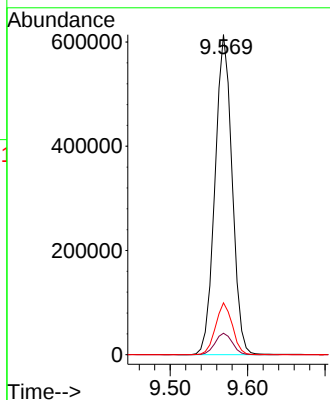
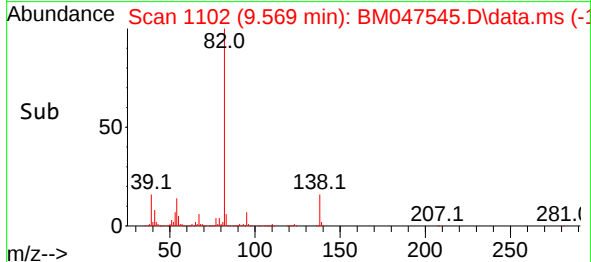
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 94351
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.2 12.9 19.3

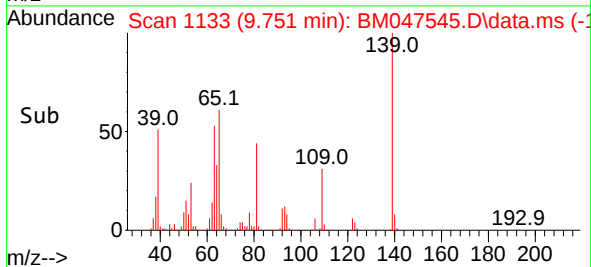
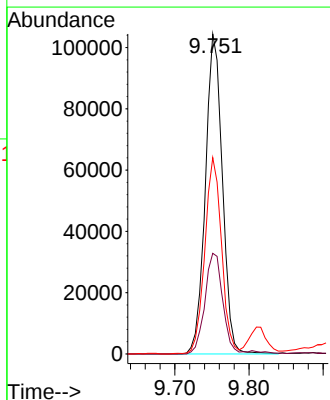
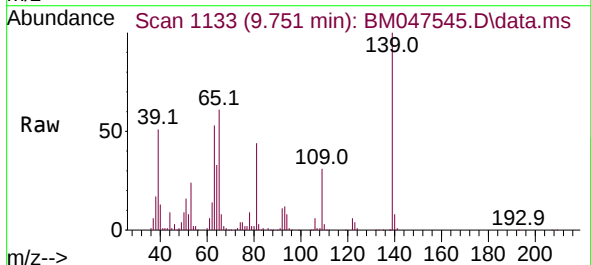
Manual Integrations
APPROVED

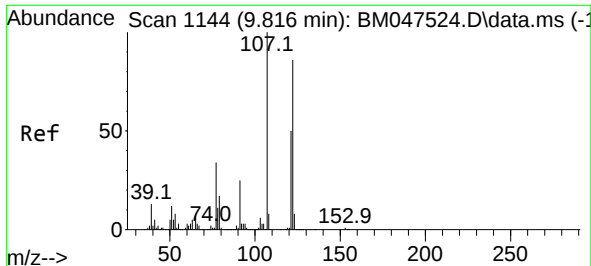
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#26
2-Nitrophenol
Concen: 7.395 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion:139 Resp: 166332
Ion Ratio Lower Upper
139 100
109 31.5 26.0 39.0
65 61.4 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 3.416 ng

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM047545.D

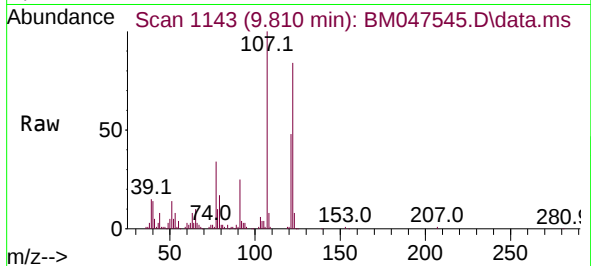
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



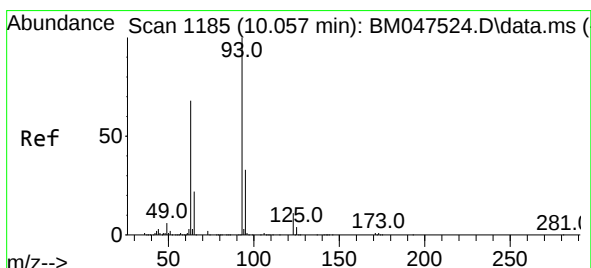
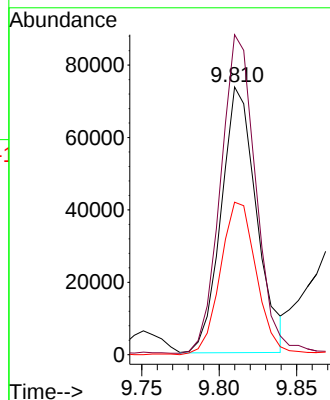
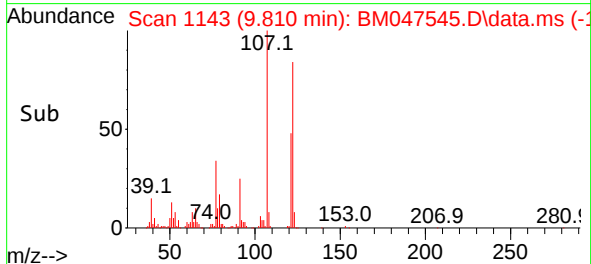
Tgt Ion:122 Resp: 116485

Ion	Ratio	Lower	Upper
122	100		
107	119.5	92.4	138.6
121	57.0	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.159 ng

RT: 10.051 min Scan# 1184

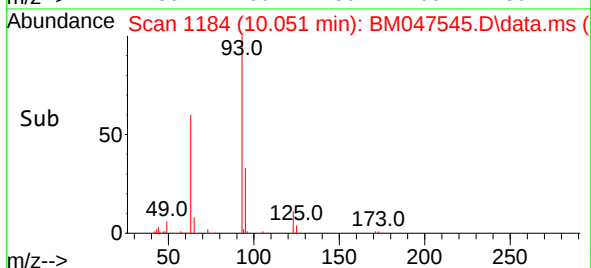
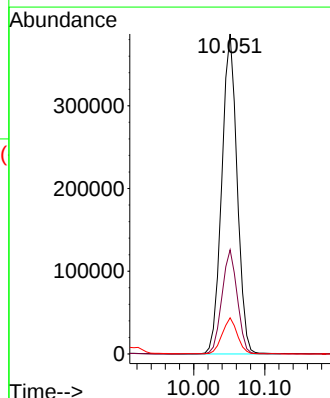
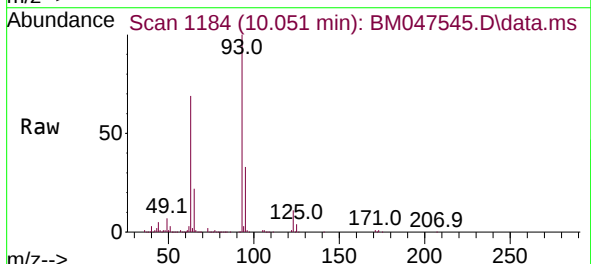
Delta R.T. -0.006 min

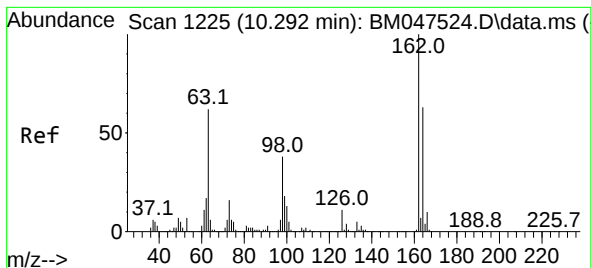
Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Tgt Ion: 93 Resp: 578809

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.3	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 7.459 ng

RT: 10.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

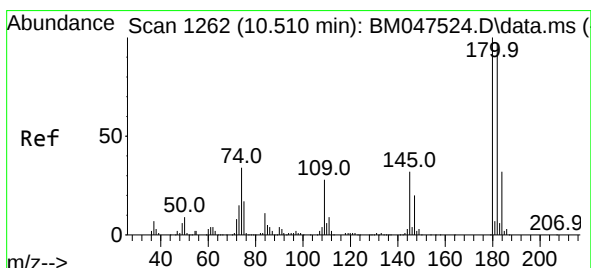
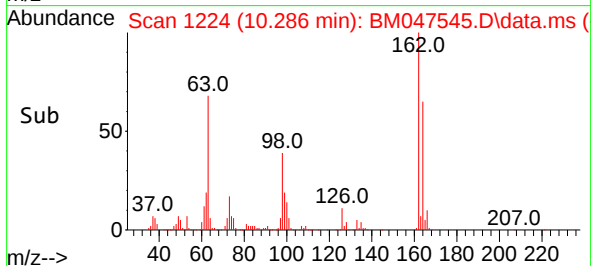
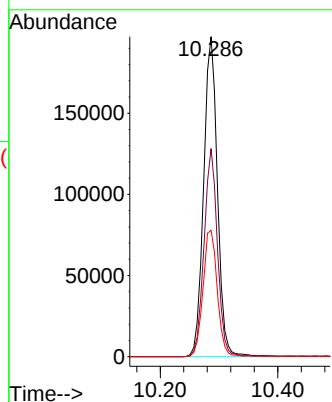
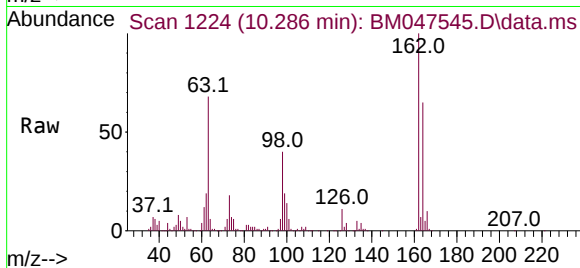
LOQ-WATER-02-QT2-2024

Tgt Ion:	162	Resp:	32311
Ion Ratio	Lower	Upper	
162	100		
164	65.1	43.5	83.5
98	39.5	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 7.301 ng

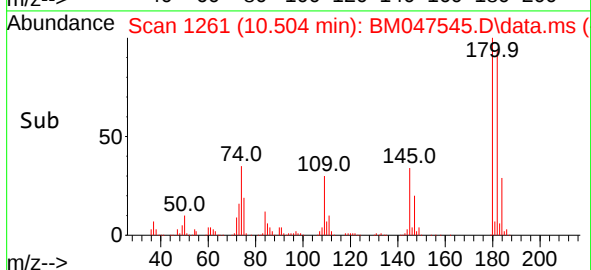
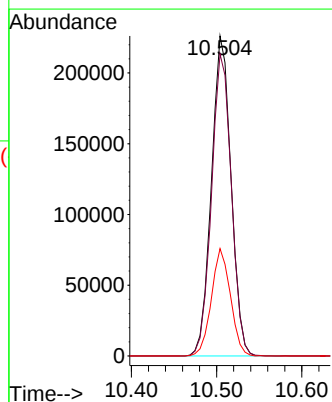
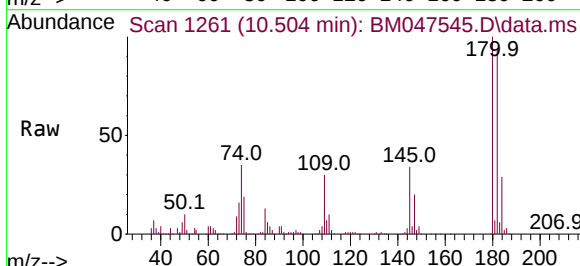
RT: 10.504 min Scan# 1261

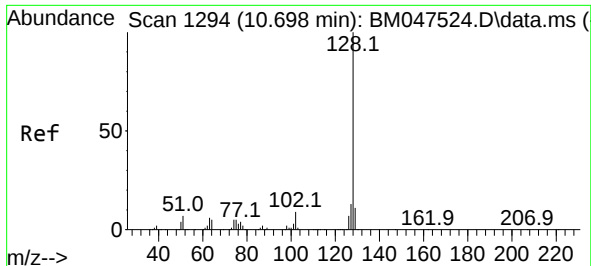
Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

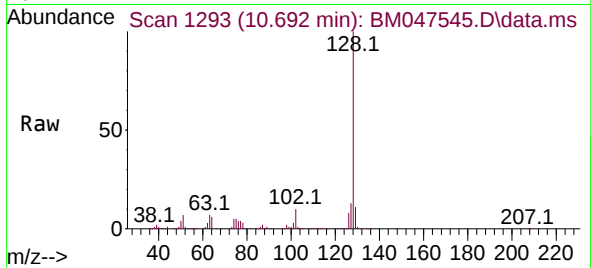
Tgt Ion:	180	Resp:	362314
Ion Ratio	Lower	Upper	
180	100		
182	94.4	77.6	116.4
145	33.5	25.4	38.0





#31
Naphthalene
Concen: 7.541 ng
RT: 10.692 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

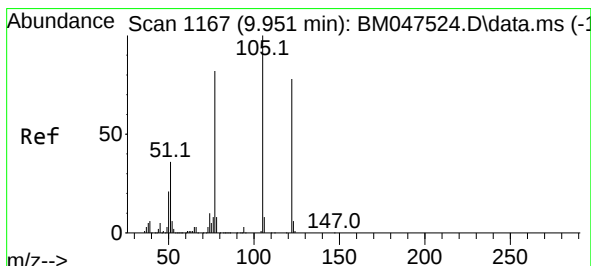
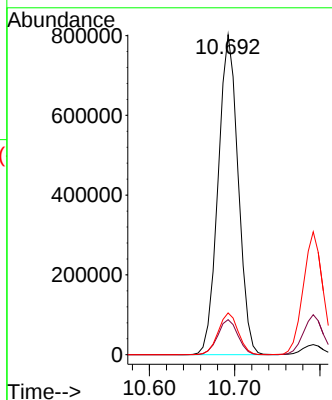
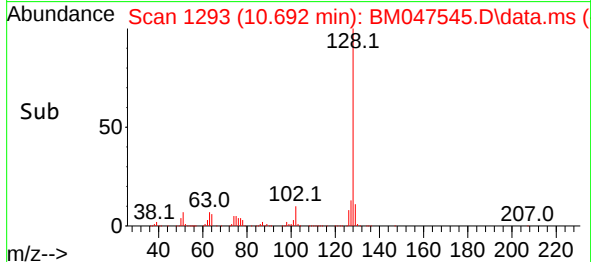
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:128 Resp: 1309311
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.5 15.7

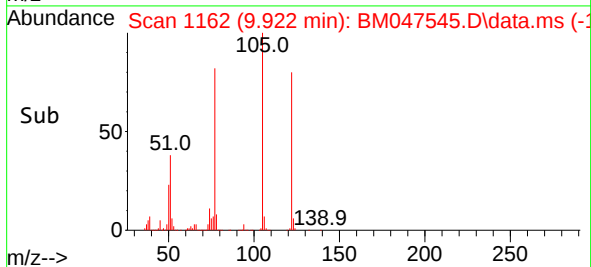
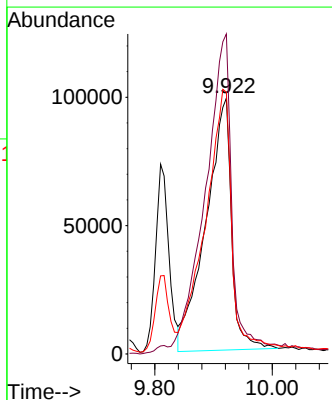
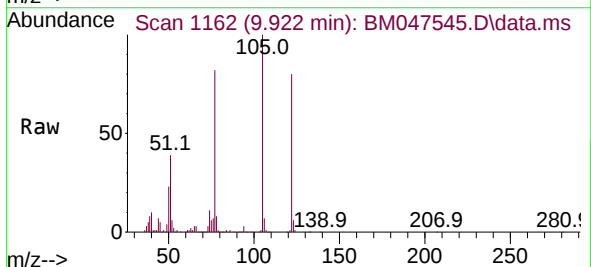
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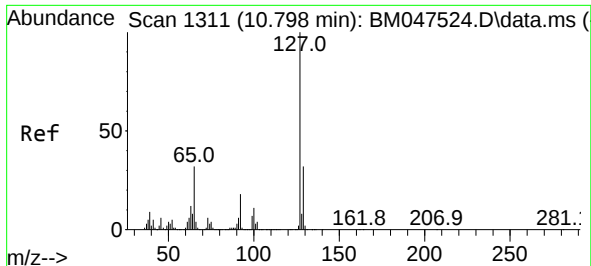
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#32
Benzoic acid
Concen: 14.266 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.029 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

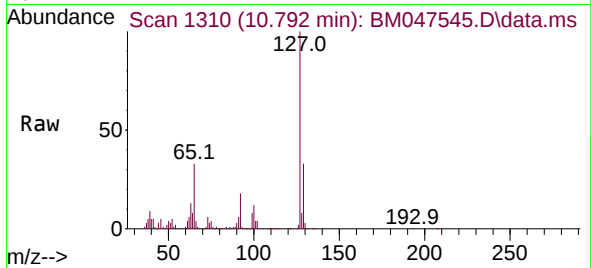
Tgt Ion:122 Resp: 295611
Ion Ratio Lower Upper
122 100
105 125.2 104.7 144.7
77 102.4 83.4 123.4





#33
4-Chloroaniline
Concen: 7.954 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

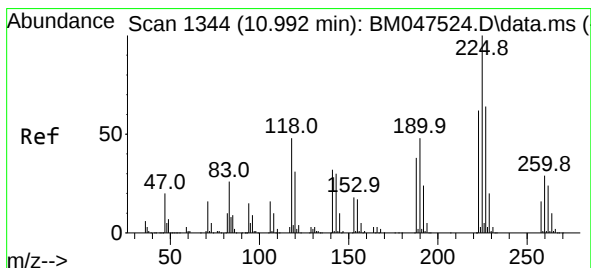
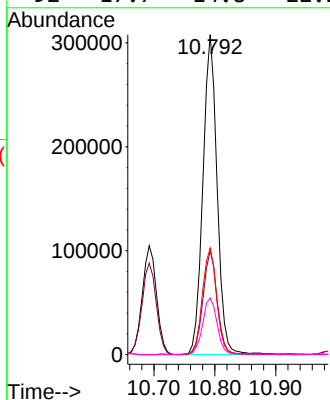
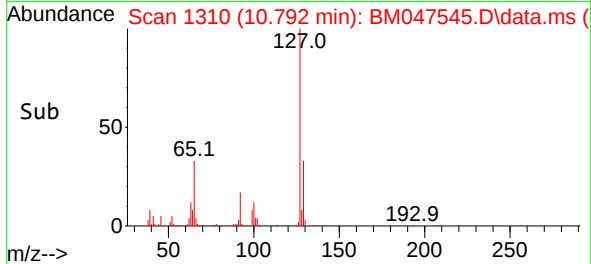
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.0
65	33.4	25.5	38.3
92	17.7	14.8	22.2

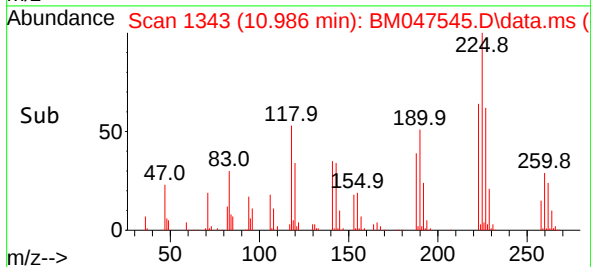
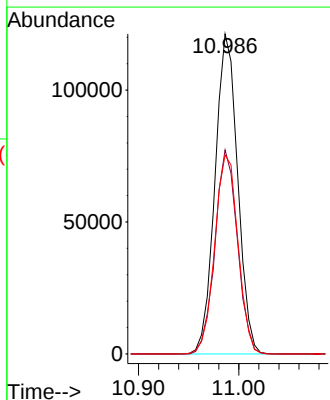
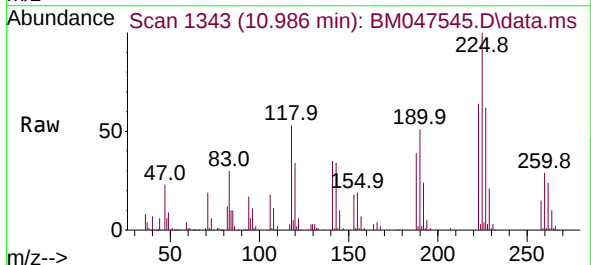
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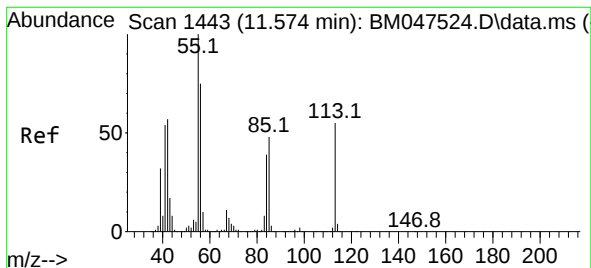
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#34
Hexachlorobutadiene
Concen: 6.902 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.8	74.6
227	62.2	51.0	76.4





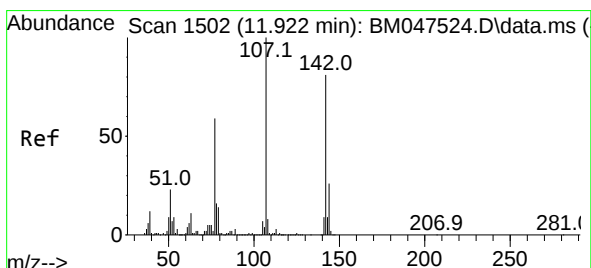
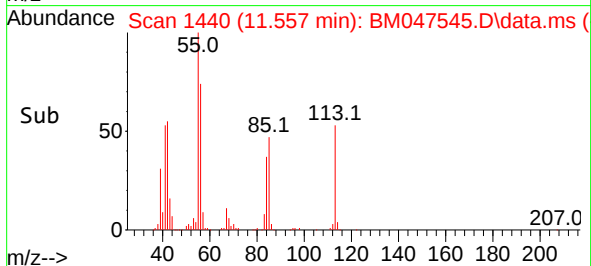
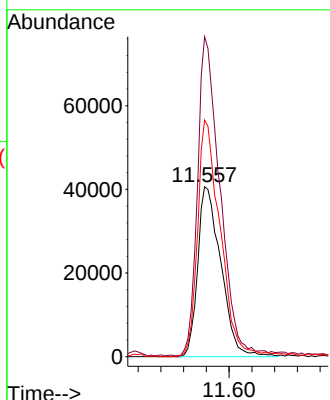
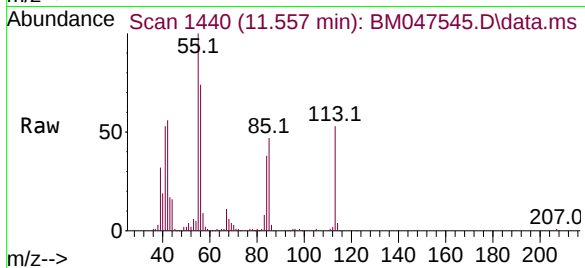
#35
Caprolactam
Concen: 8.051 ng
RT: 11.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:113 Resp: 114875
Ion Ratio Lower Upper
113 100
55 188.4 162.5 202.5
56 139.3 116.5 156.5

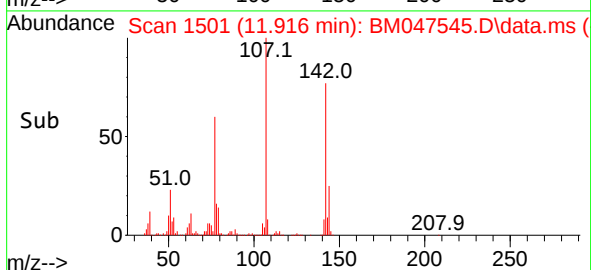
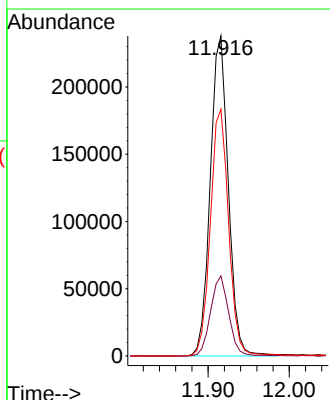
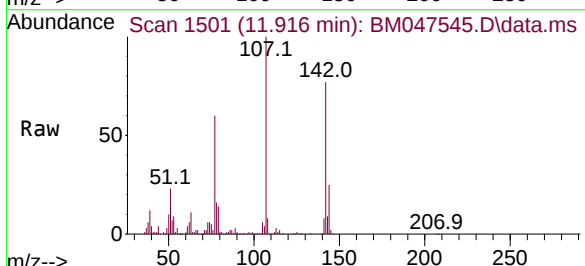
Manual Integrations
APPROVED

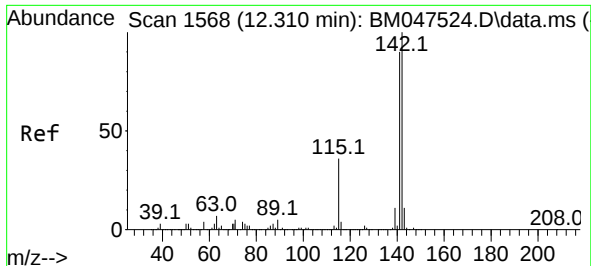
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#36
4-Chloro-3-methylphenol
Concen: 7.417 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion:107 Resp: 368227
Ion Ratio Lower Upper
107 100
144 25.0 20.5 30.7
142 77.1 65.0 97.4





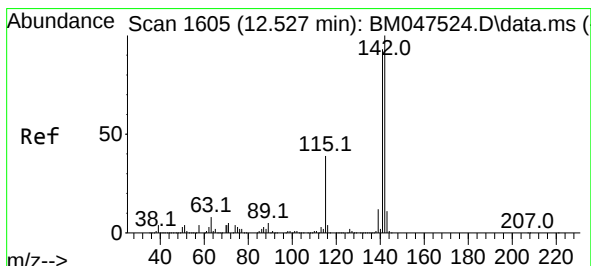
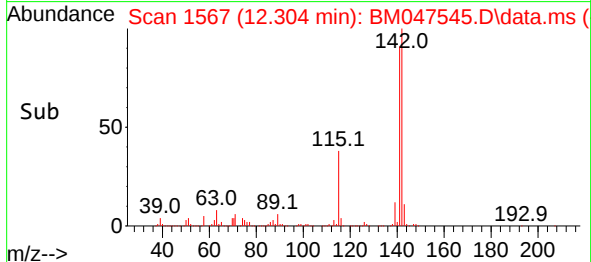
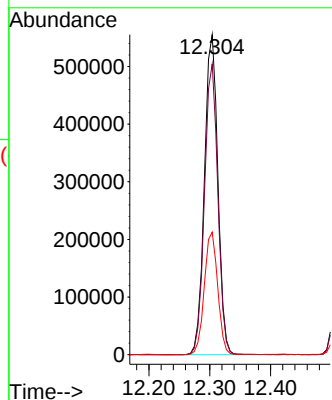
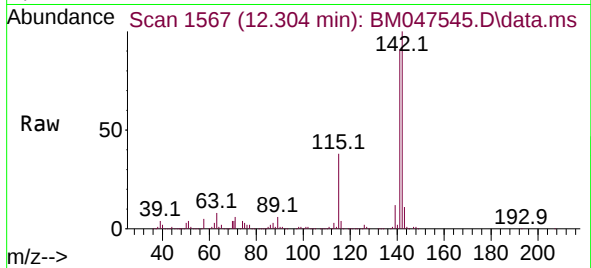
#37
2-Methylnaphthalene
Concen: 7.384 ng
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:142 Resp: 85335
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4
115 38.3 29.1 43.7

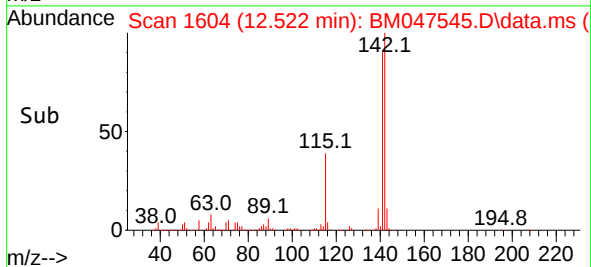
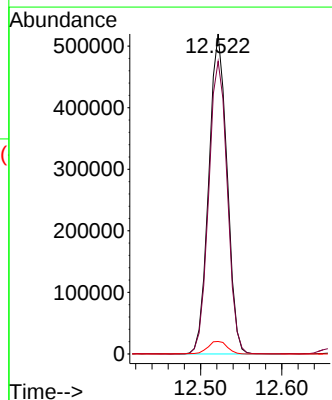
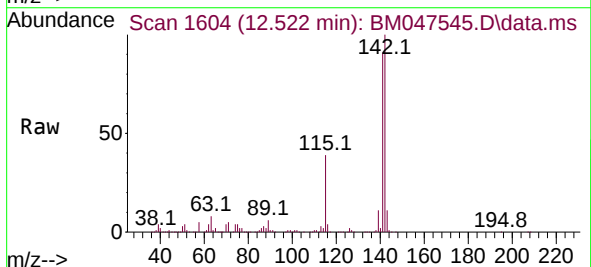
Manual Integrations
APPROVED

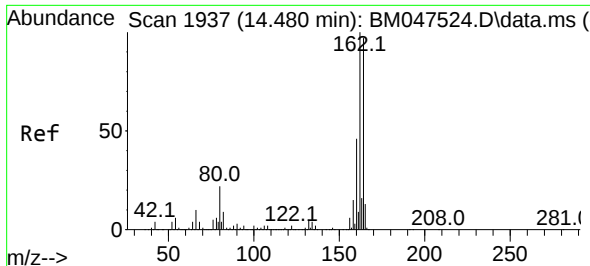
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#38
1-Methylnaphthalene
Concen: 7.074 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

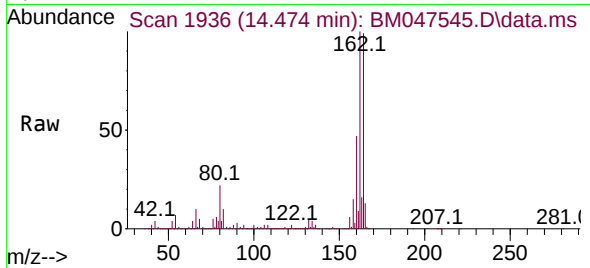
Tgt Ion:142 Resp: 812433
Ion Ratio Lower Upper
142 100
141 91.4 74.7 112.1
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

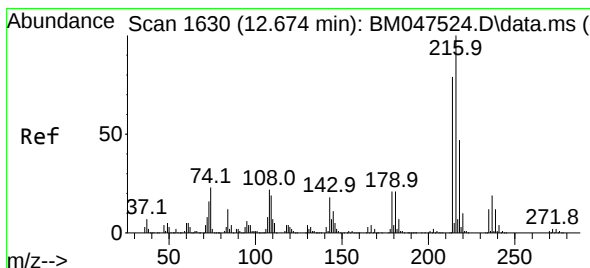
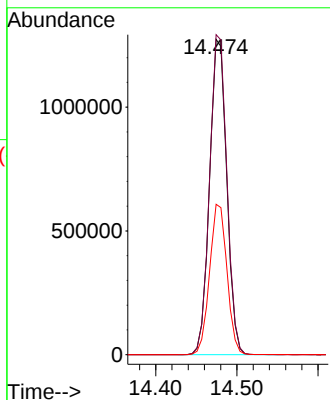
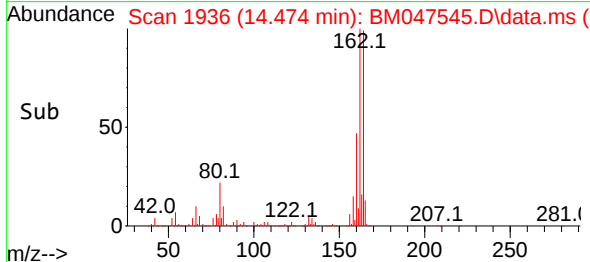
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:164 Resp: 1869328
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 47.7 38.2 57.2

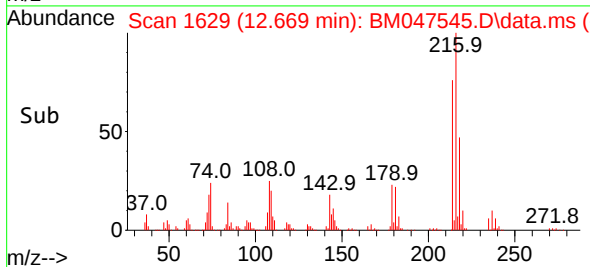
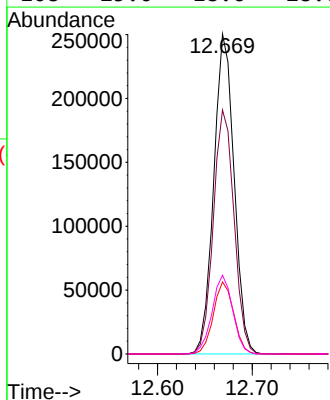
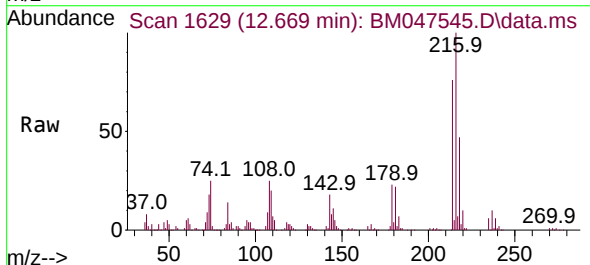
Manual Integrations
APPROVED

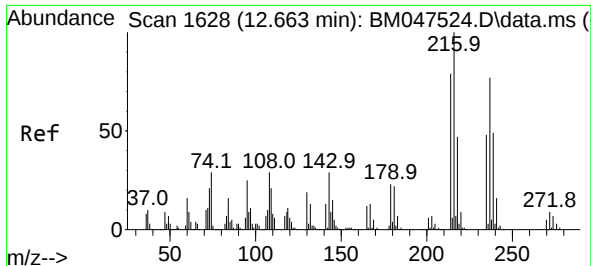
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.406 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

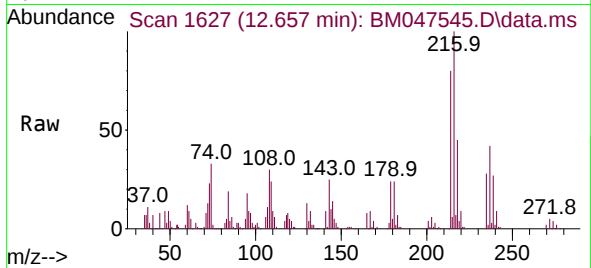
Tgt Ion:216 Resp: 374618
Ion Ratio Lower Upper
216 100
214 77.5 63.0 94.6
179 22.4 17.5 26.3
108 25.0 18.6 28.0





#41
Hexachlorocyclopentadiene
Concen: 3.800 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

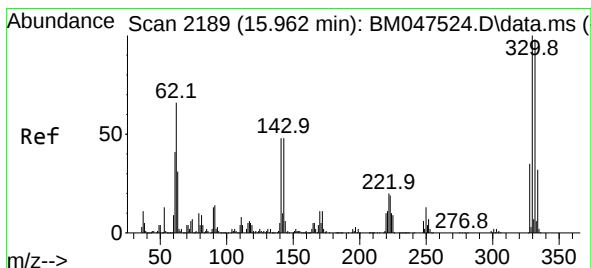
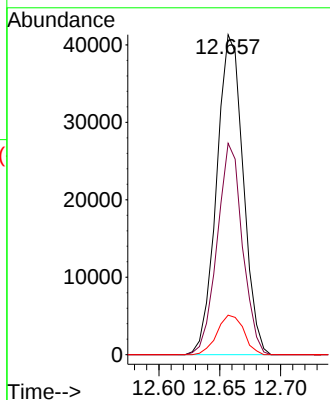
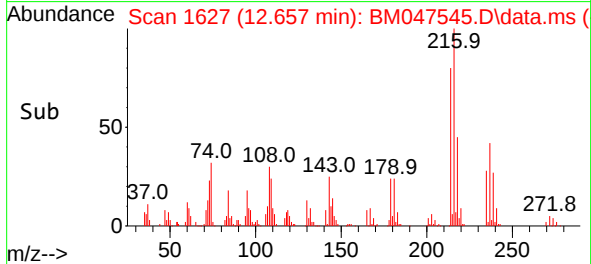
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



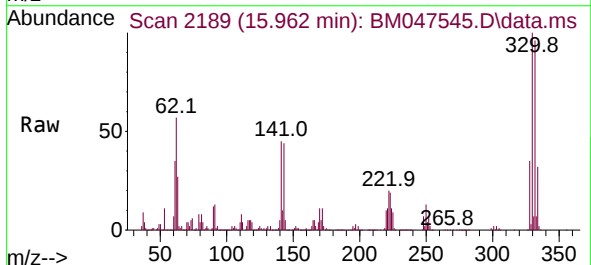
Tgt Ion:237 Resp: 62834
Ion Ratio Lower Upper
237 100
235 66.0 42.0 82.0
272 12.3 0.0 31.5

Manual Integrations
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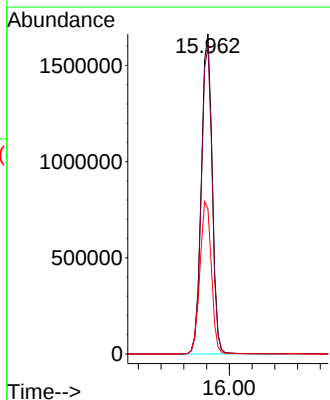
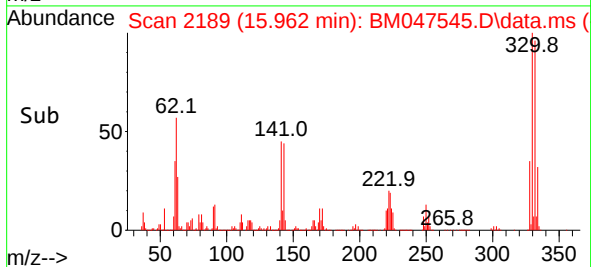
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

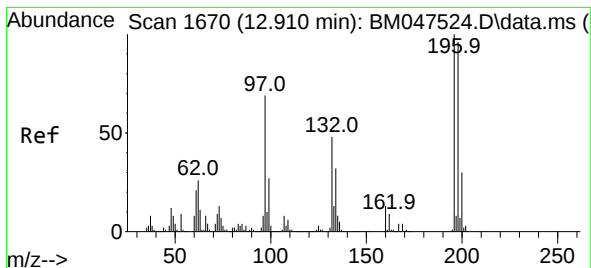


#42
2,4,6-Tribromophenol
Concen: 122.138 ng
RT: 15.962 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



Tgt Ion:330 Resp: 2206868
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 50.5 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 7.085 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047545.D

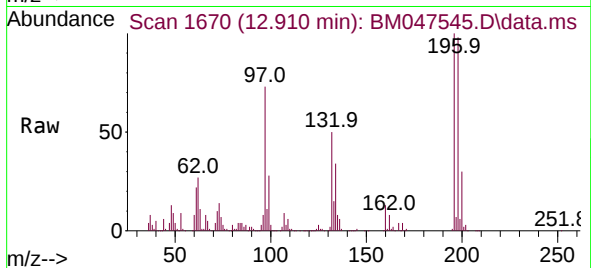
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:196 Resp: 224514

Ion Ratio Lower Upper

196 100

198 97.5 76.9 115.3

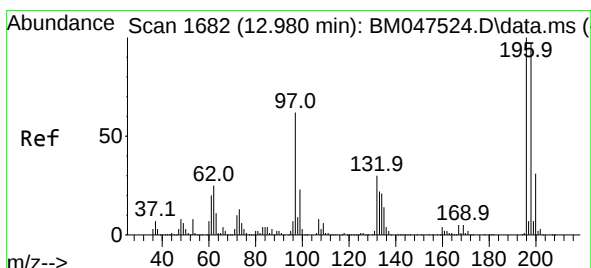
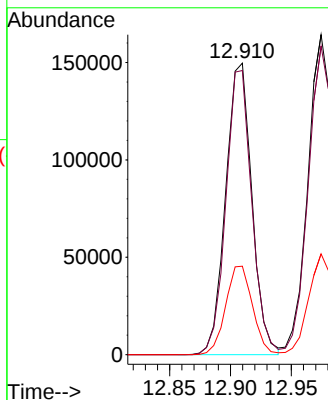
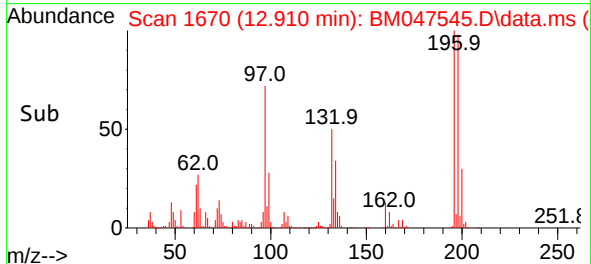
200 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#44

2,4,5-Trichlorophenol

Concen: 7.055 ng

RT: 12.974 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Tgt Ion:196 Resp: 252524

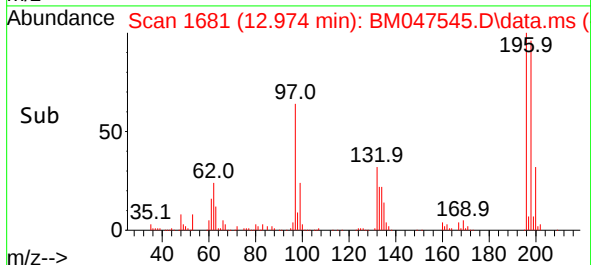
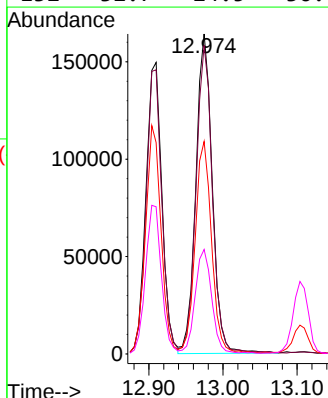
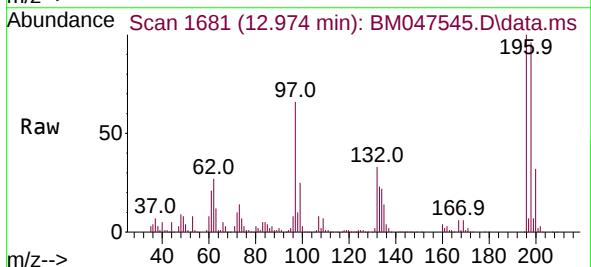
Ion Ratio Lower Upper

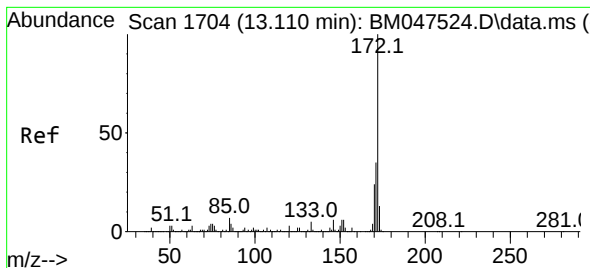
196 100

198 96.4 77.4 116.2

97 66.4 49.8 74.8

132 32.7 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 74.813 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM047545.D

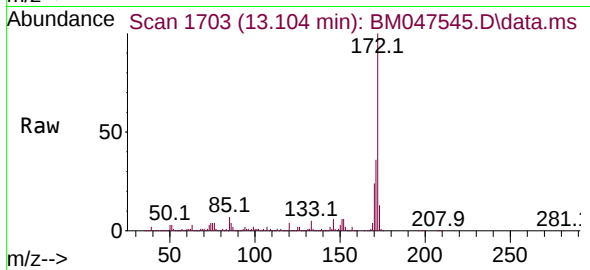
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:172 Resp:1015231

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

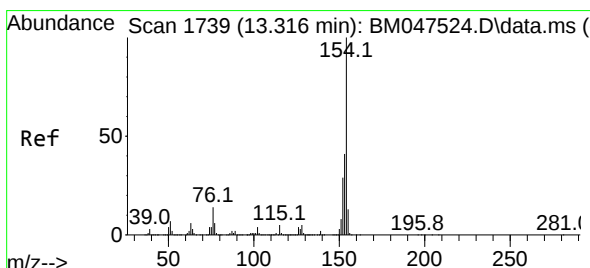
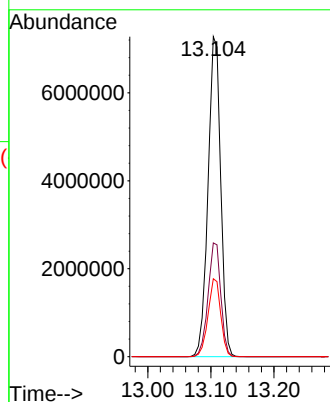
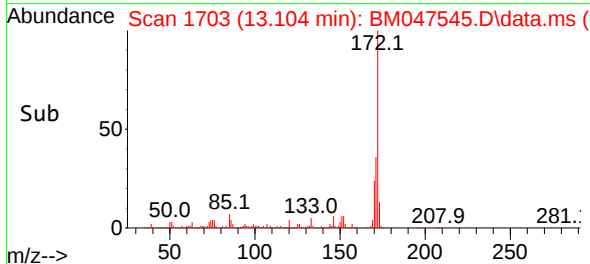
170 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#46

1,1'-Biphenyl

Concen: 7.458 ng

RT: 13.316 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

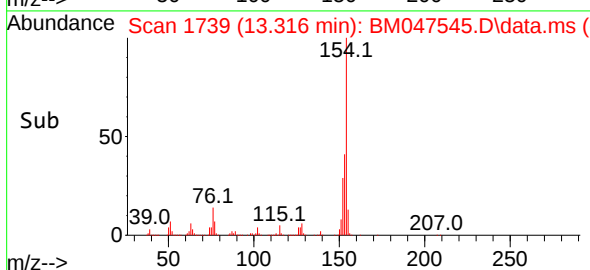
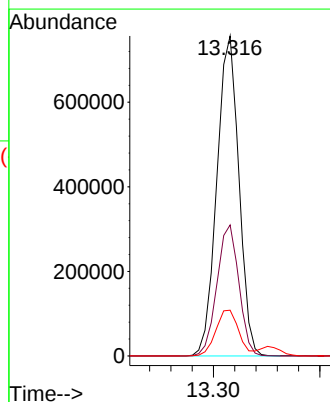
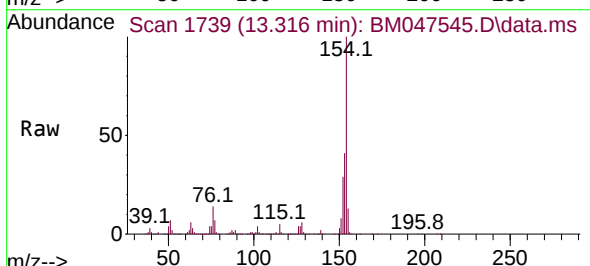
Tgt Ion:154 Resp: 1084732

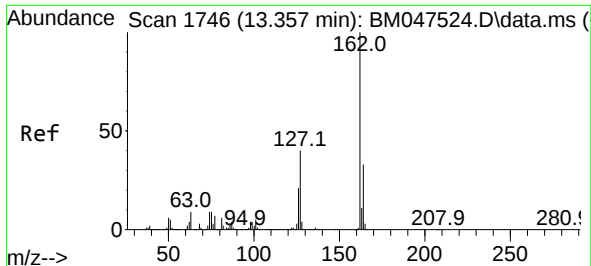
Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

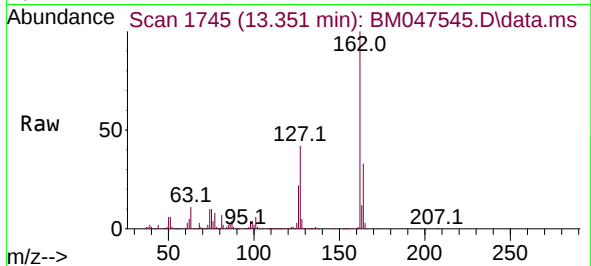
76 14.3 0.0 33.9





#47
2-Chloronaphthalene
Concen: 7.251 ng
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

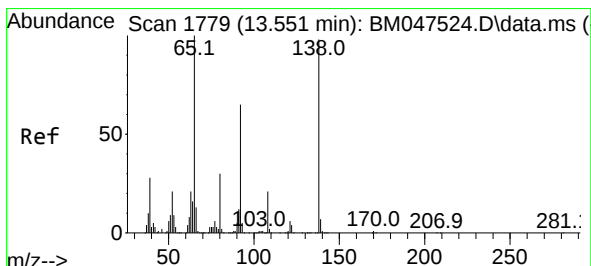
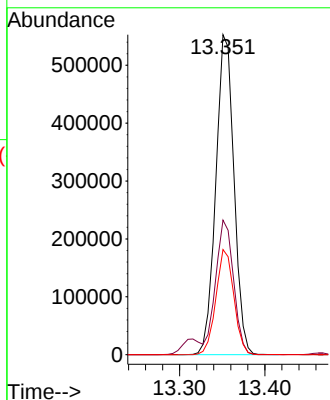
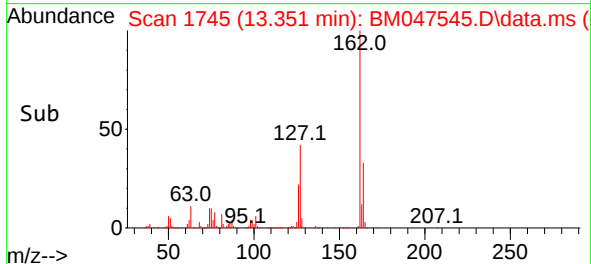
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



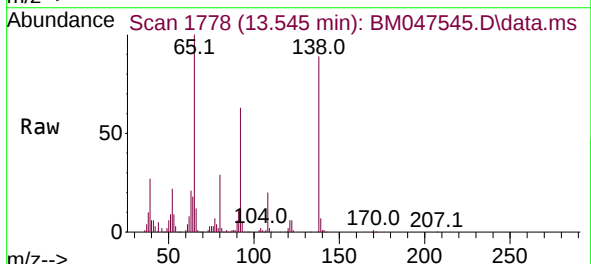
Tgt Ion:162 Resp: 818938
Ion Ratio Lower Upper
162 100
127 42.1 32.2 48.4
164 32.8 26.3 39.5

Manual Integrations
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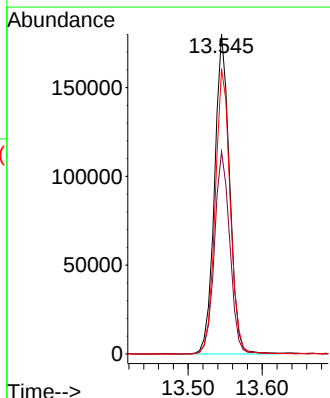
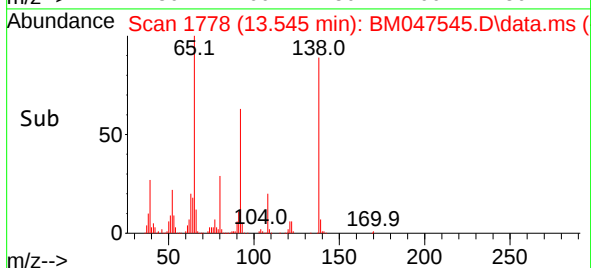
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

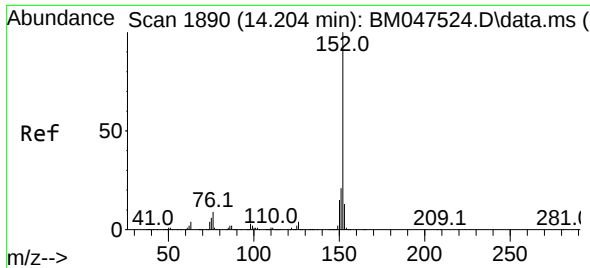


#48
2-Nitroaniline
Concen: 7.668 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



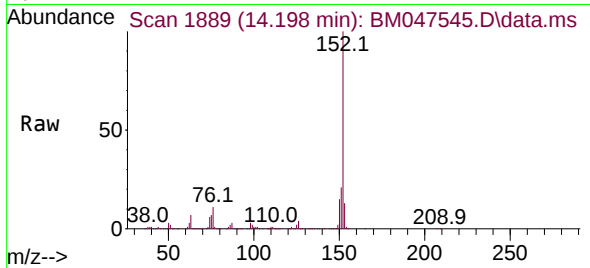
Tgt Ion: 65 Resp: 254341
Ion Ratio Lower Upper
65 100
92 63.2 51.9 77.9
138 89.2 78.5 117.7





#49
Acenaphthylene
Concen: 7.942 ng
RT: 14.198 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

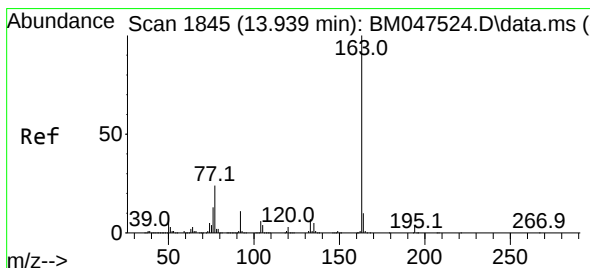
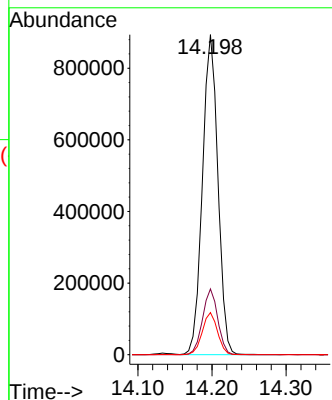
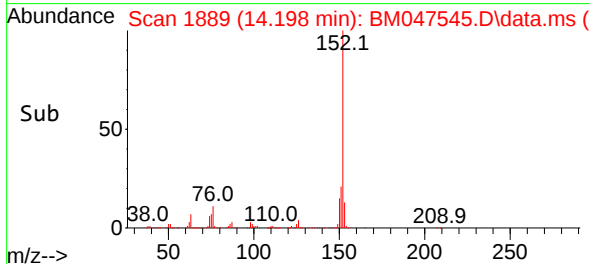
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:152 Resp: 1294270
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.1 10.4 15.6

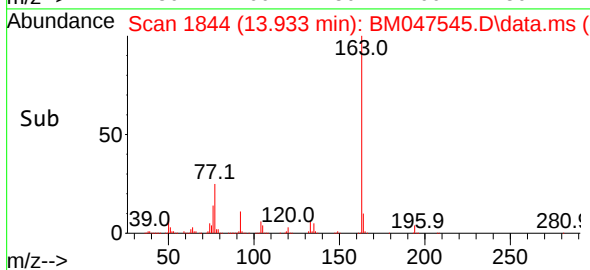
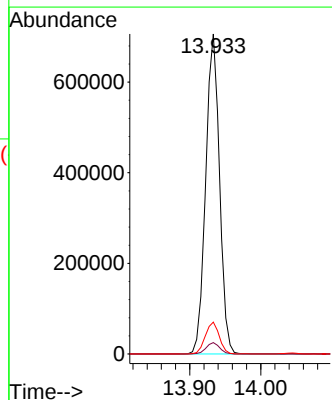
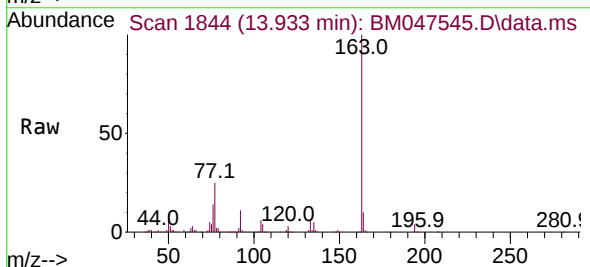
Manual Integrations
APPROVED

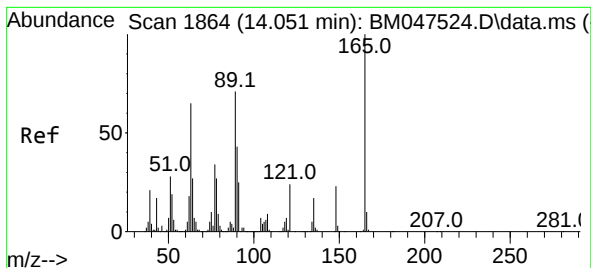
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#50
Dimethylphthalate
Concen: 7.506 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

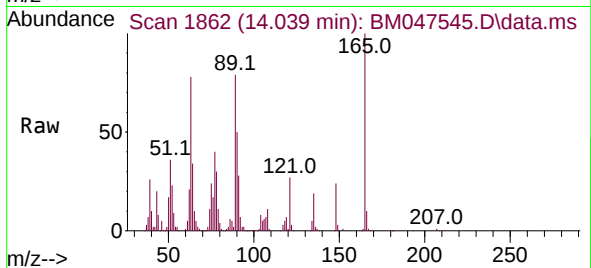
Tgt Ion:163 Resp: 956346
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 7.096 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

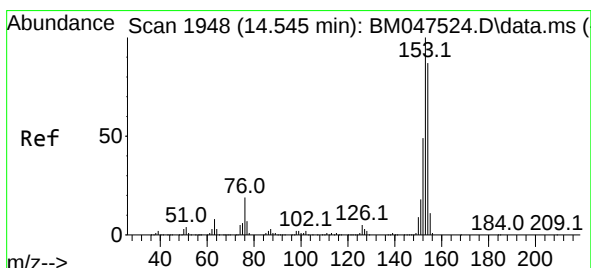
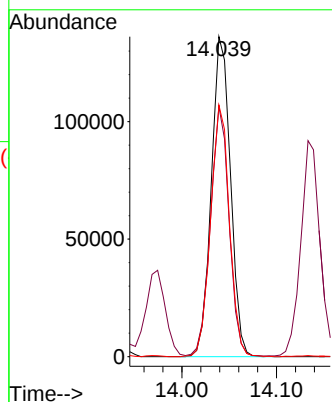
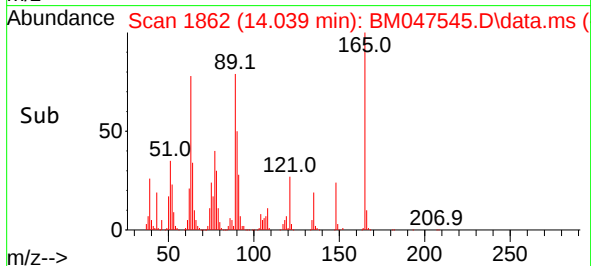
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024



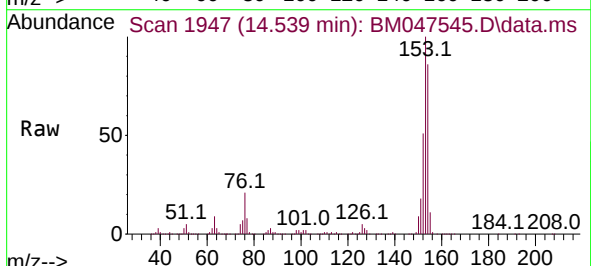
Tgt Ion:165 Resp: 190860
Ion Ratio Lower Upper
165 100
63 78.1 54.2 81.2
89 78.6 56.4 84.6

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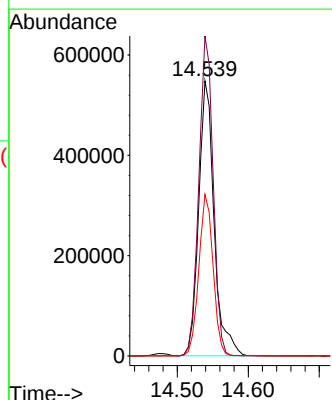
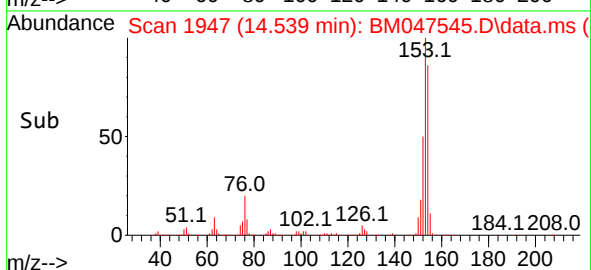
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

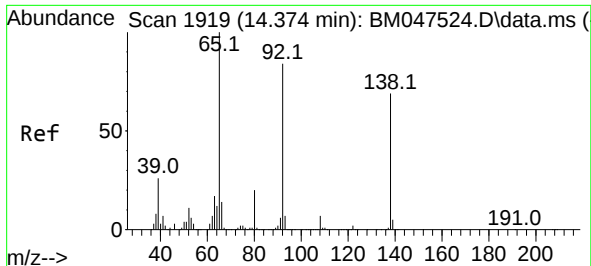


#52
Acenaphthene
Concen: 7.267 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



Tgt Ion:154 Resp: 829783
Ion Ratio Lower Upper
154 100
153 116.3 92.2 138.2
152 58.8 45.4 68.0





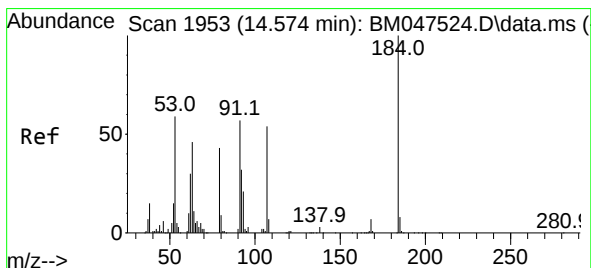
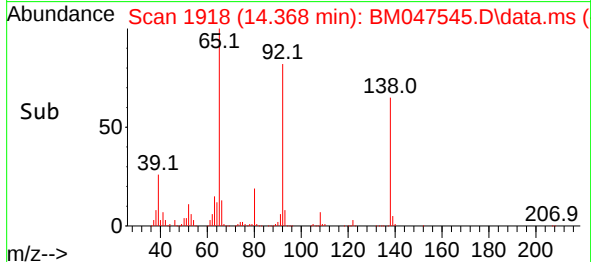
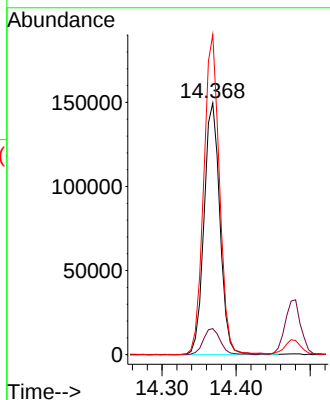
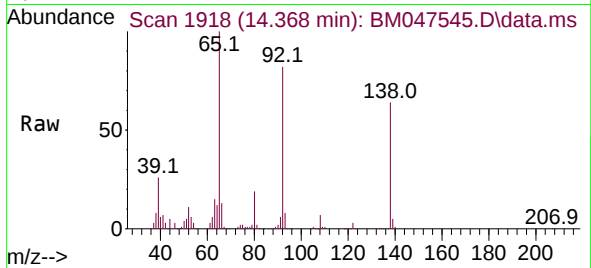
#53
3-Nitroaniline
Concen: 7.447 ng
RT: 14.368 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:138 Resp: 222640
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 127.2 97.4 146.0

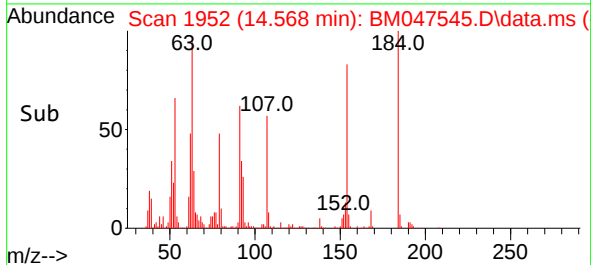
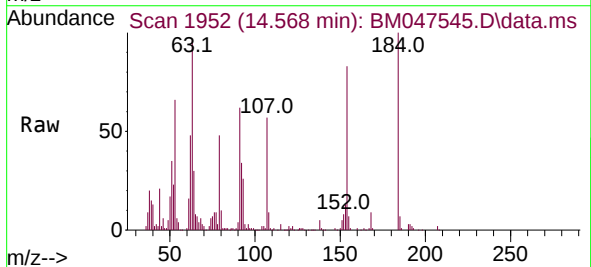
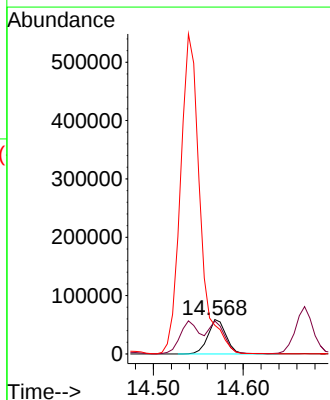
Manual Integrations
APPROVED

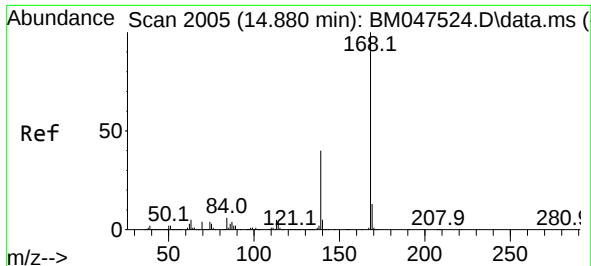
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#54
2,4-Dinitrophenol
Concen: 10.661 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

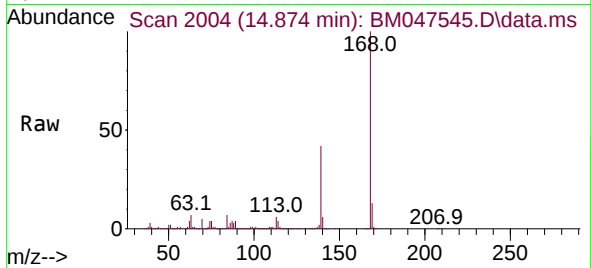
Tgt Ion:184 Resp: 83357
Ion Ratio Lower Upper
184 100
63 96.0 69.4 104.0
154 83.0 60.4 90.6





#55
Dibenzofuran
Concen: 7.397 ng
RT: 14.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

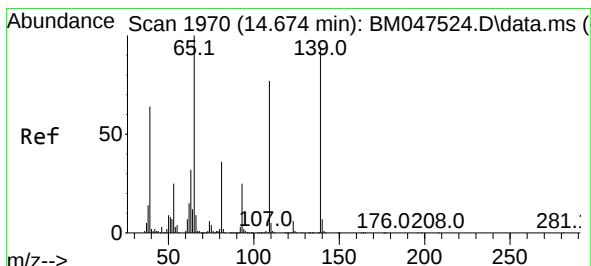
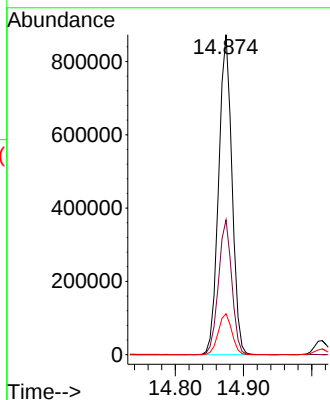
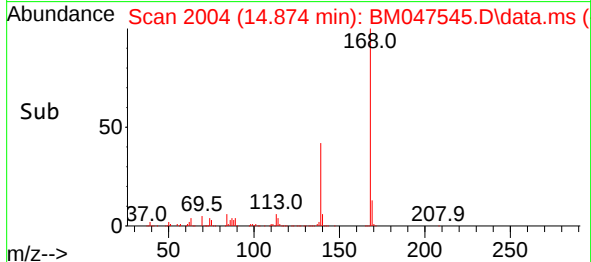
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 1186958
Ion Ratio Lower Upper
168 100
139 42.2 31.9 47.9
169 12.8 10.5 15.7

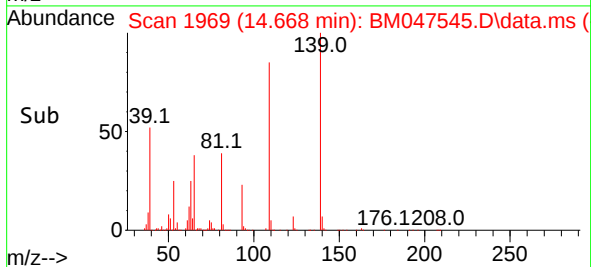
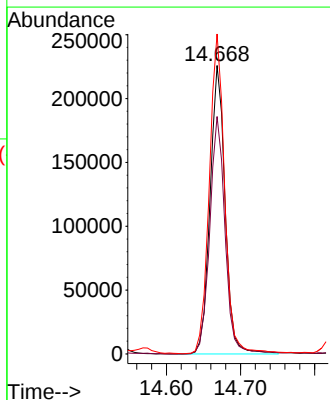
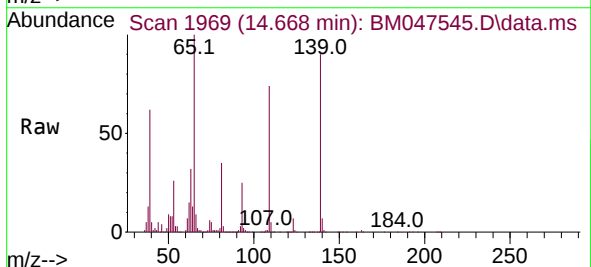
Manual Integrations
APPROVED

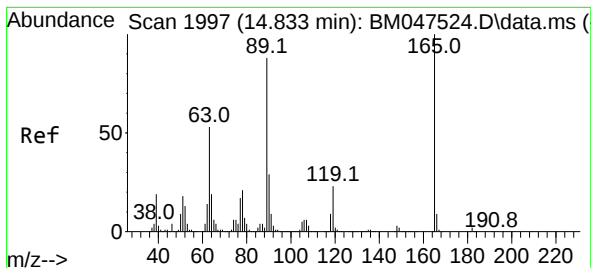
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#56
4-Nitrophenol
Concen: 12.987 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

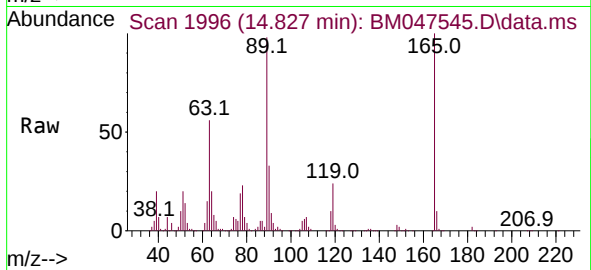
Tgt Ion:139 Resp: 319494
Ion Ratio Lower Upper
139 100
109 82.3 62.0 102.0
65 110.9 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 6.988 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

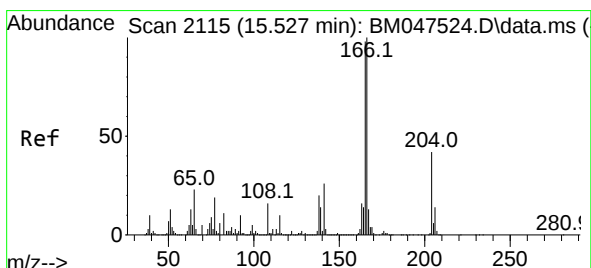
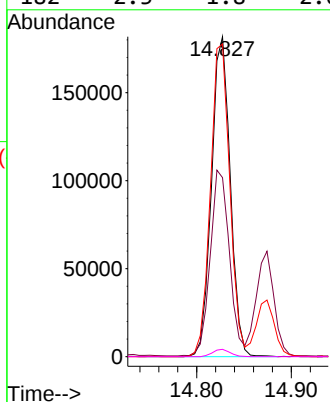
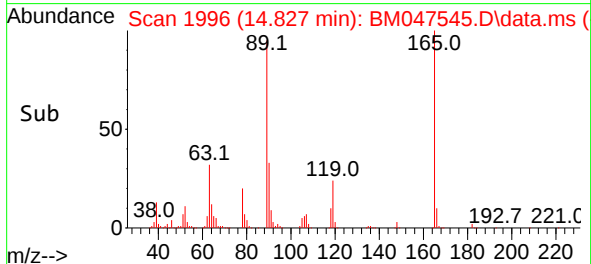
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 25068
Ion Ratio Lower Upper
165 100
63 56.0 42.4 63.6
89 97.7 70.5 105.7
182 2.3 1.8 2.6

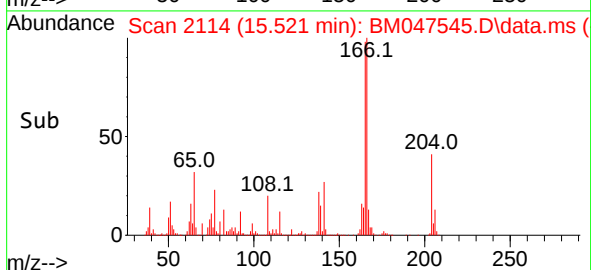
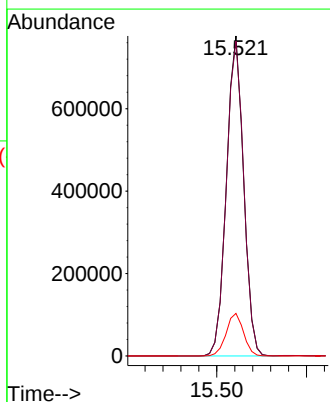
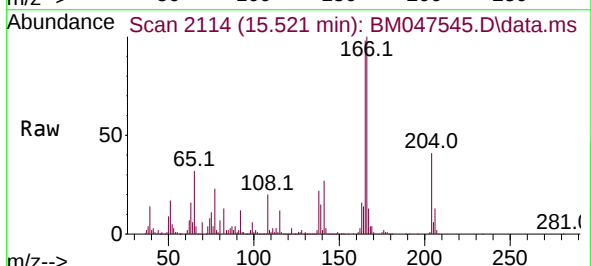
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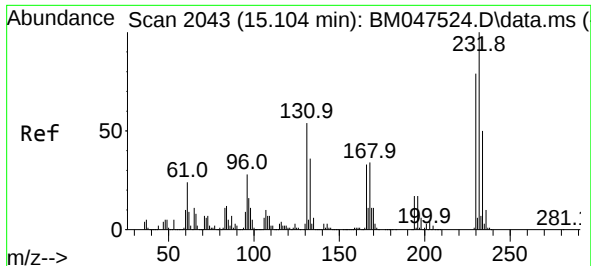
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#58
Fluorene
Concen: 7.126 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion:166 Resp: 1029514
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.242 ng

RT: 15.092 min Scan# 2041

Delta R.T. -0.012 min

Lab File: BM047545.D

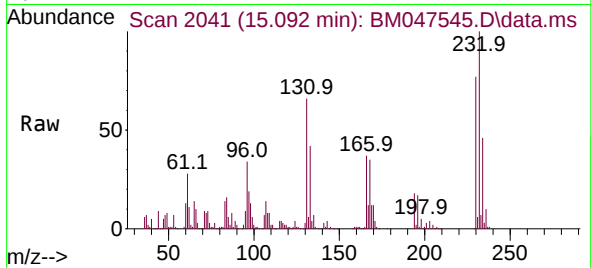
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:232 Resp: 202091

Ion Ratio Lower Upper

232 100

131 64.2 47.0 70.4

130 3.6 2.6 3.8

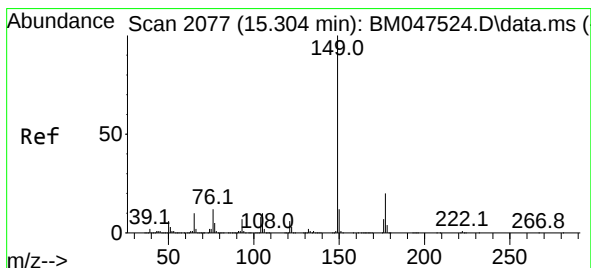
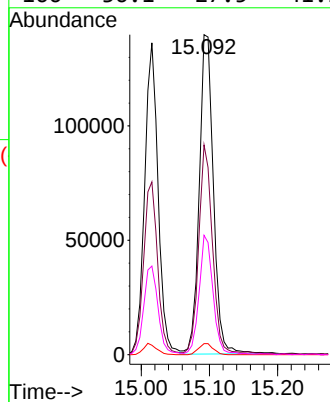
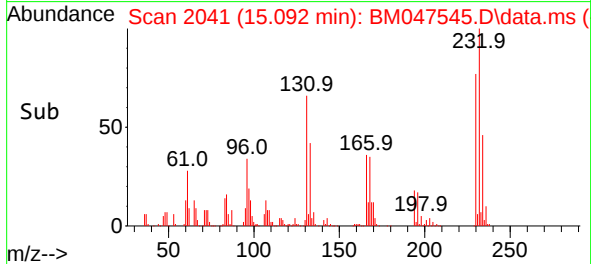
166 36.1 27.5 41.3

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Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#60

Diethylphthalate

Concen: 7.555 ng

RT: 15.298 min Scan# 2076

Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

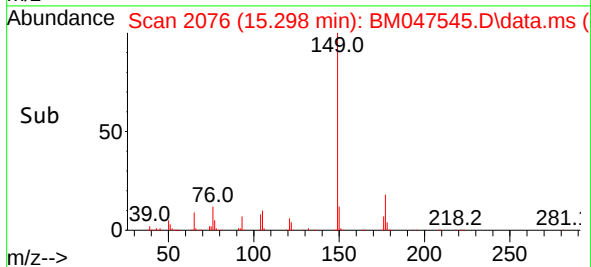
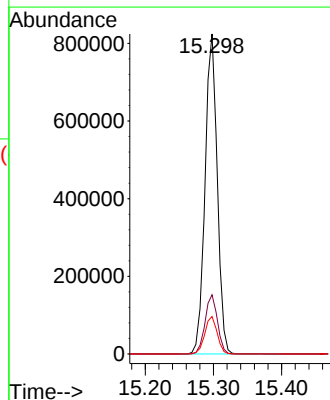
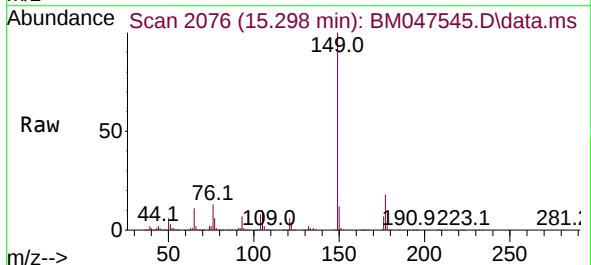
Tgt Ion:149 Resp: 1024399

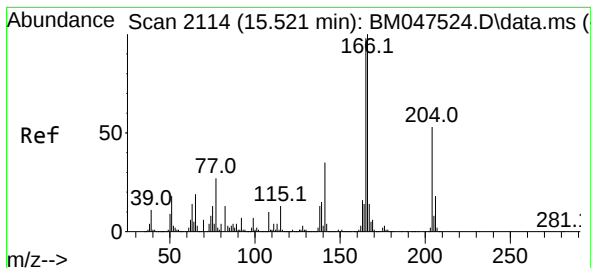
Ion Ratio Lower Upper

149 100

177 18.5 15.8 23.8

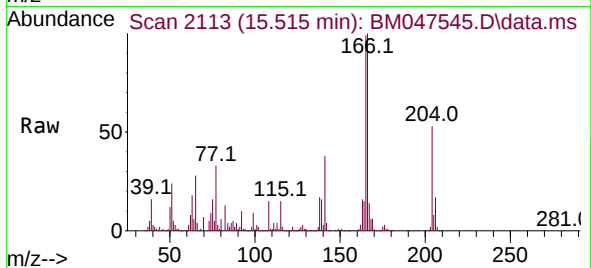
150 11.7 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 6.830 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

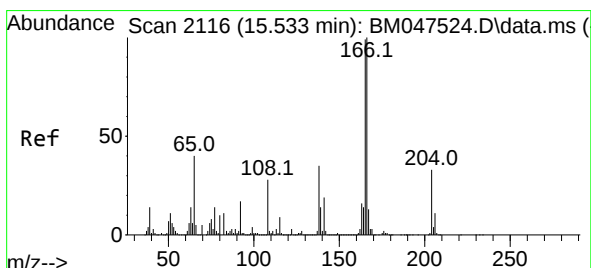
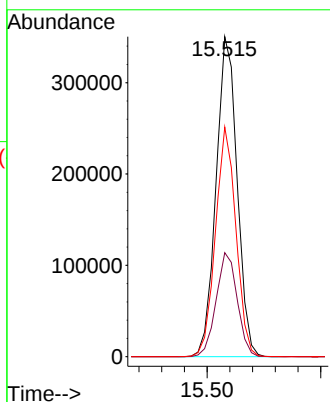
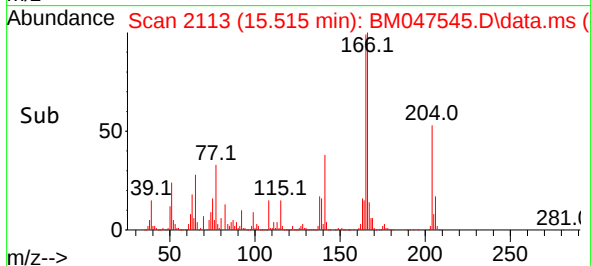
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:204 Resp: 45113
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 71.8 52.1 78.1

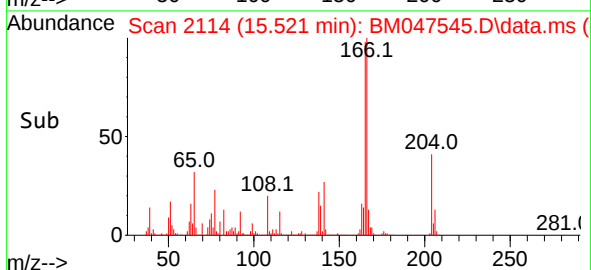
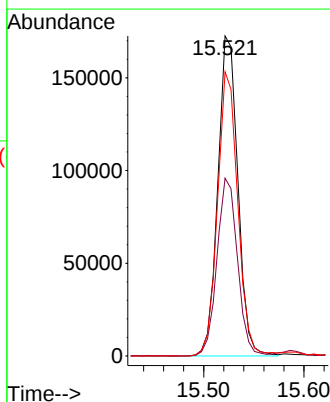
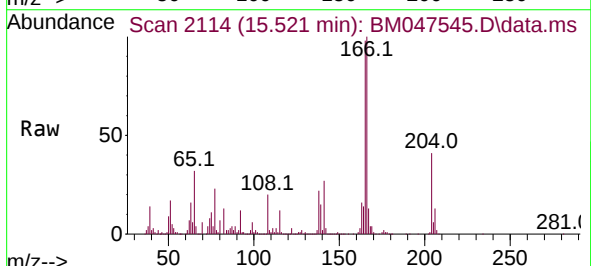
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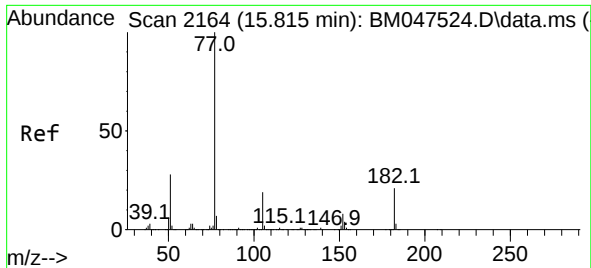
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#62
4-Nitroaniline
Concen: 6.803 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

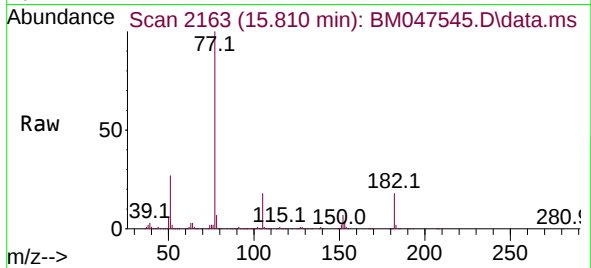
Tgt Ion:138 Resp: 239064
Ion Ratio Lower Upper
138 100
92 55.6 30.0 70.0
108 88.8 61.7 101.7





#63
Azobenzene
Concen: 8.178 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

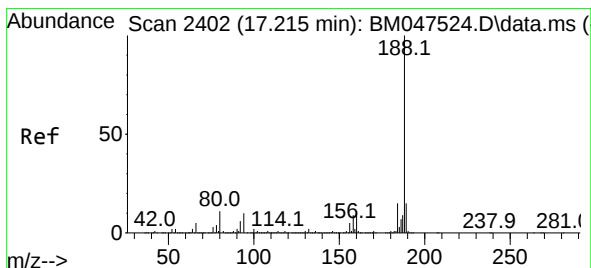
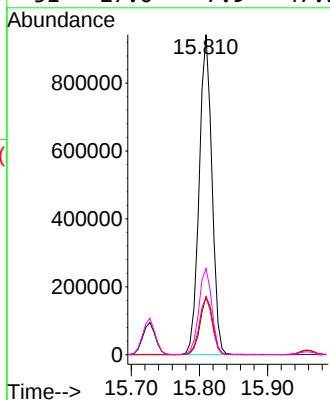
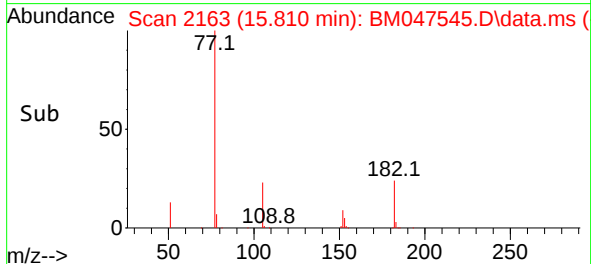
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 77 Resp: 122106
Ion Ratio Lower Upper
77 100
182 18.1 1.2 41.2
105 17.9 0.0 39.4
51 27.0 7.9 47.9

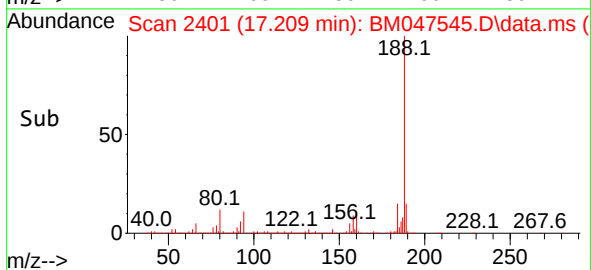
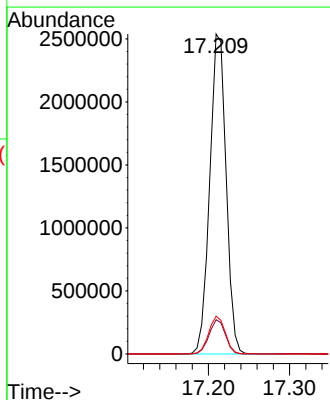
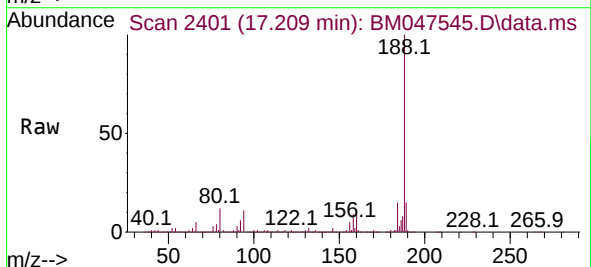
Manual Integrations
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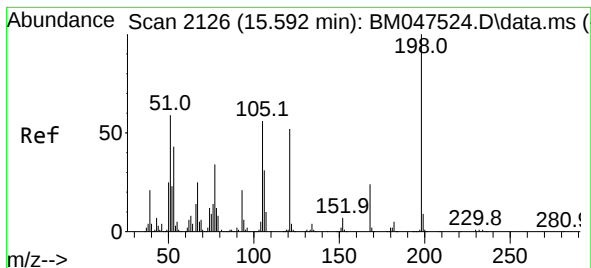
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

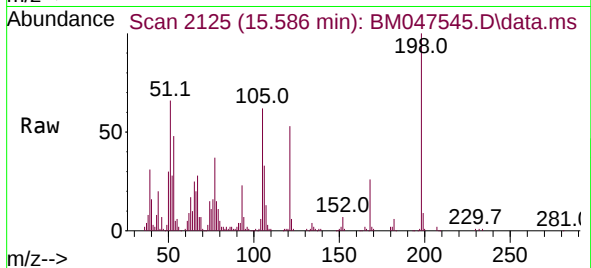
Tgt Ion:188 Resp: 3551236
Ion Ratio Lower Upper
188 100
94 10.7 8.4 12.6
80 11.8 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 11.577 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

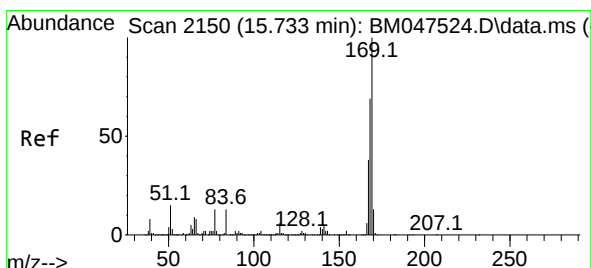
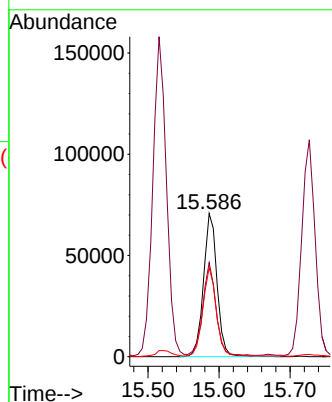
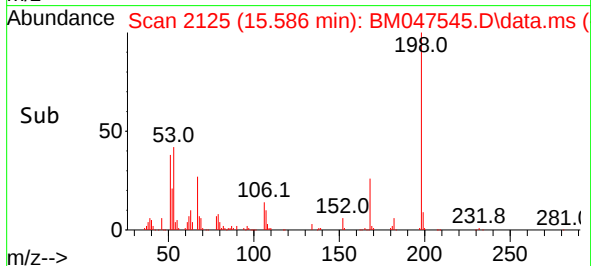
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



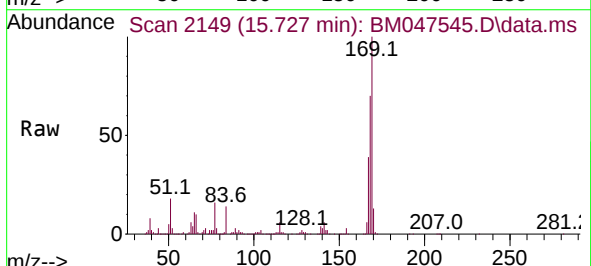
Tgt Ion:198 Resp: 9367
Ion Ratio Lower Upper
198 100
51 65.7 41.5 81.5
105 62.1 36.4 76.4

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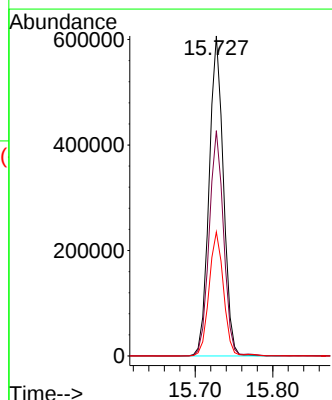
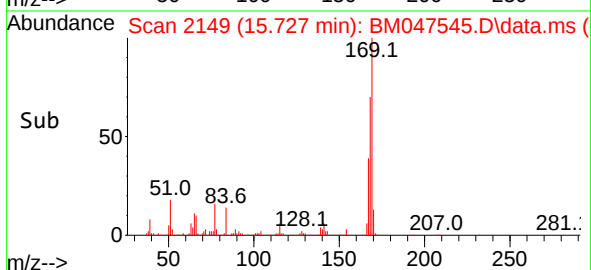
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

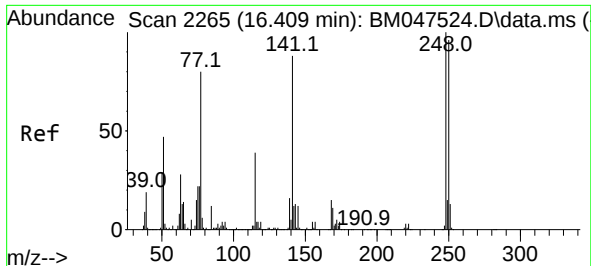


#66
n-Nitrosodiphenylamine
Concen: 7.134 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



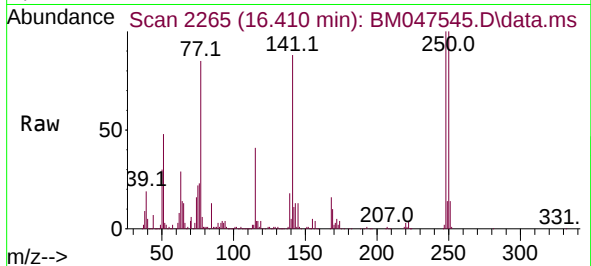
Tgt Ion:169 Resp: 775046
Ion Ratio Lower Upper
169 100
168 70.4 55.3 82.9
167 38.8 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 6.623 ng
RT: 16.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

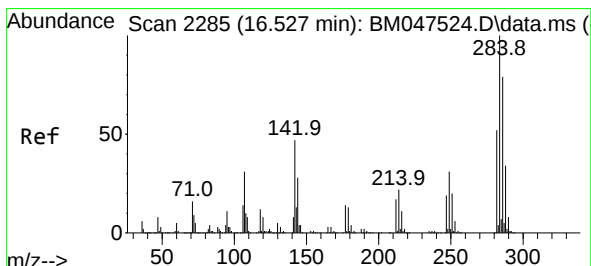
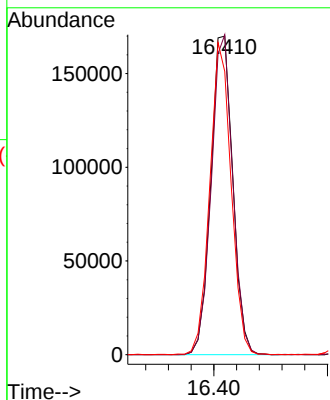
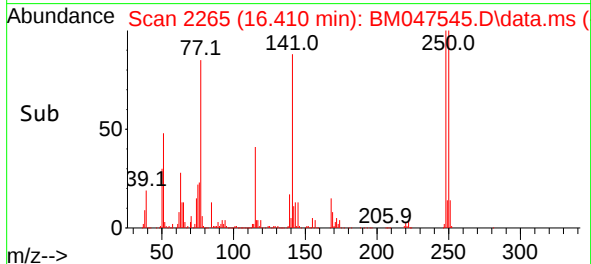
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:248 Resp: 22852
Ion Ratio Lower Upper
248 100
250 100.5 76.9 115.3
141 88.9 70.8 106.2

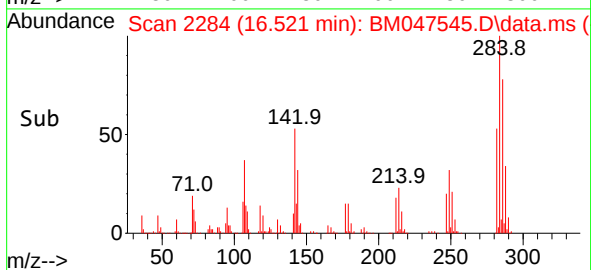
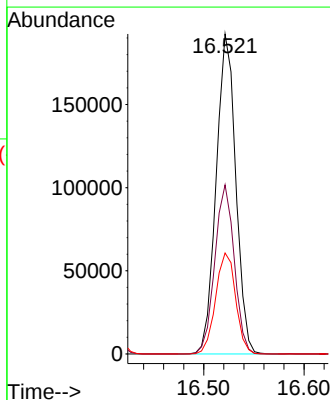
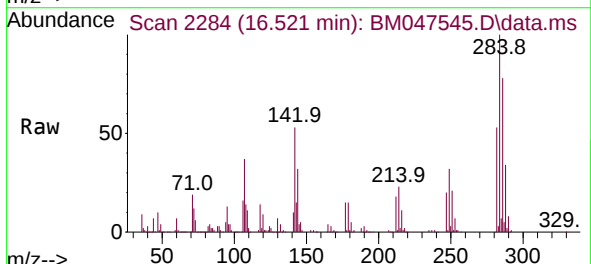
Manual Integrations
APPROVED

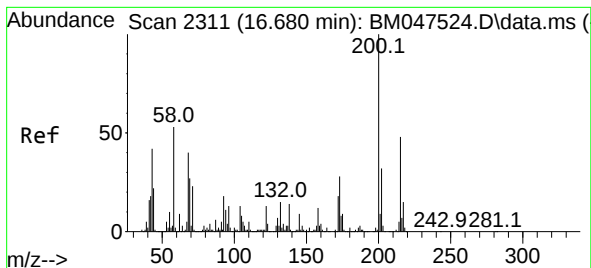
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#68
Hexachlorobenzene
Concen: 6.674 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion:284 Resp: 260888
Ion Ratio Lower Upper
284 100
142 52.9 37.3 55.9
249 31.5 24.5 36.7





#69

Atrazine

Concen: 7.592 ng

RT: 16.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

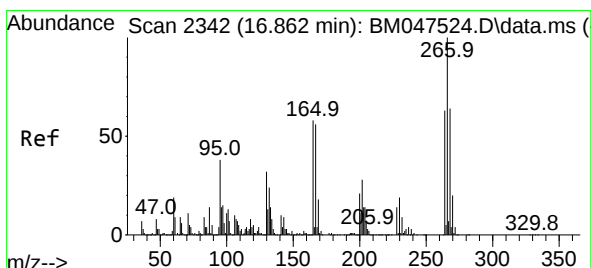
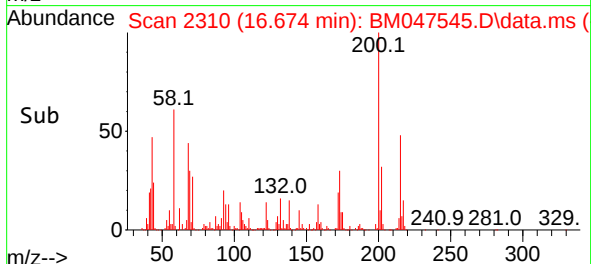
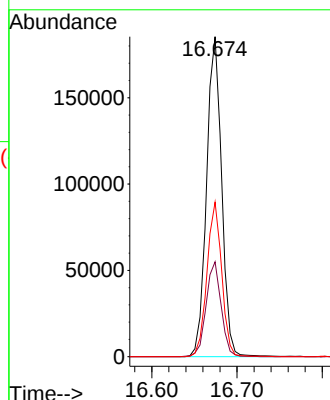
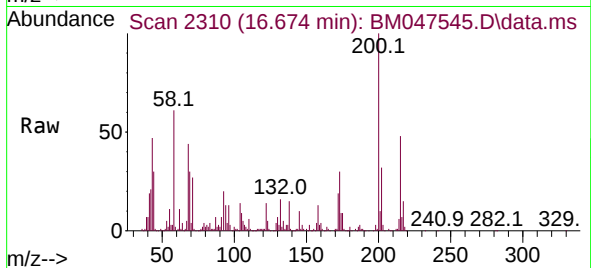
LOQ-WATER-02-QT2-2024

Tgt Ion:200 Resp: 22795
 Ion Ratio Lower Upper
 200 100
 173 29.6 7.7 47.7
 215 48.3 27.9 67.9

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Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#70

Pentachlorophenol

Concen: 11.141 ng

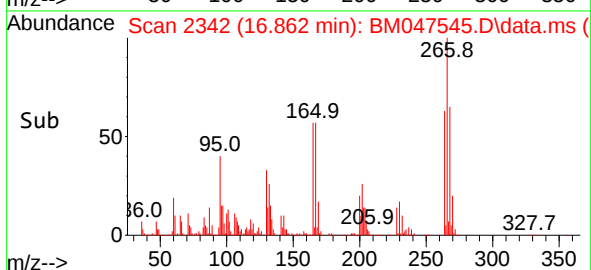
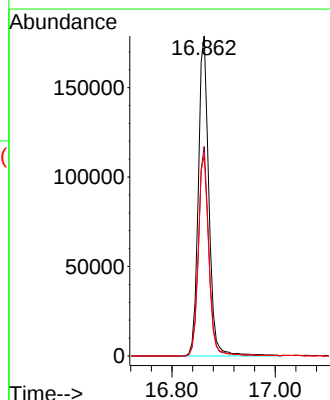
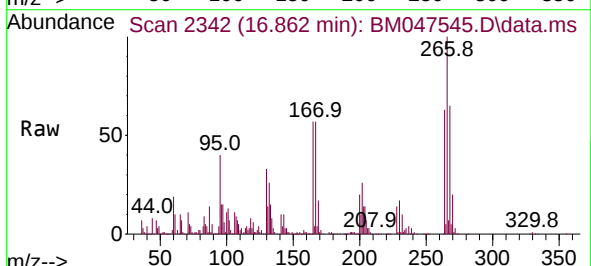
RT: 16.862 min Scan# 2342

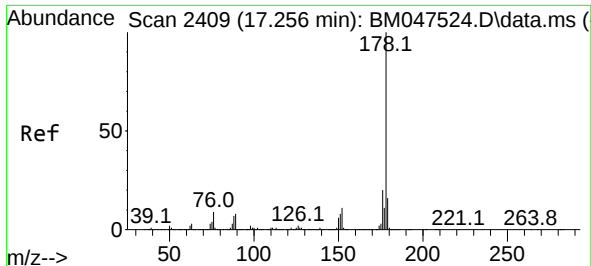
Delta R.T. 0.000 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

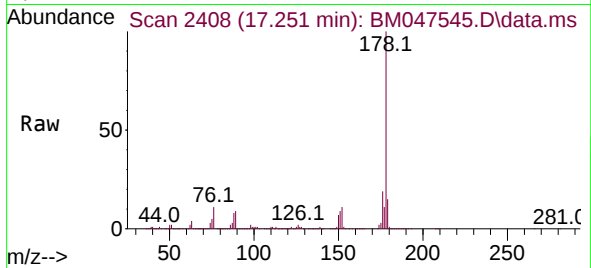
Tgt Ion:266 Resp: 252457
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.0 76.4
 264 62.7 50.4 75.6





#71
Phenanthrene
Concen: 7.252 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

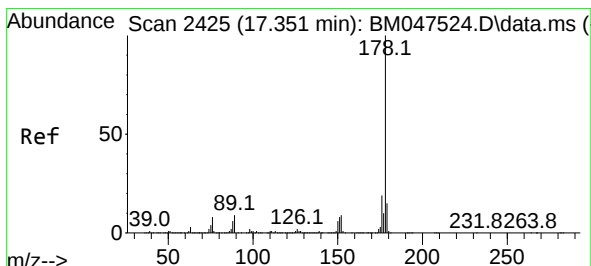
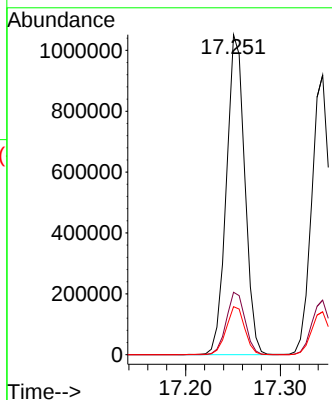
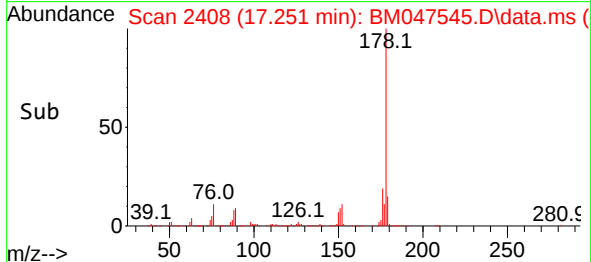
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



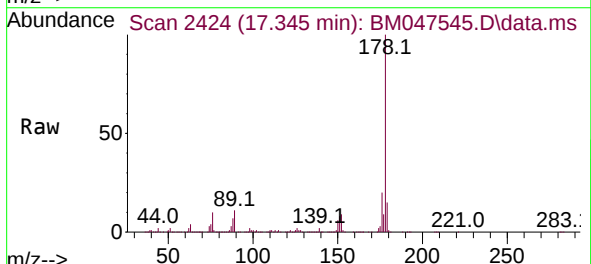
Tgt Ion:178 Resp: 141919
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.0 12.4 18.6

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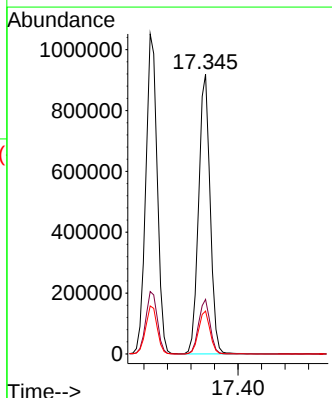
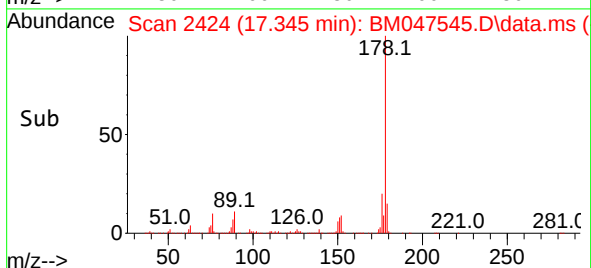
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

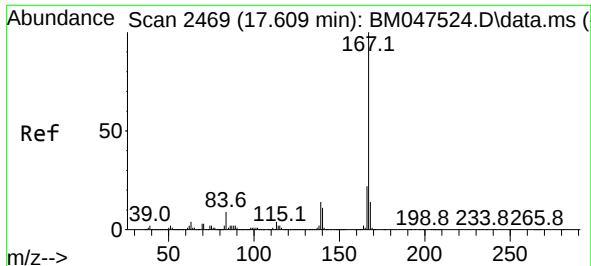


#72
Anthracene
Concen: 6.629 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



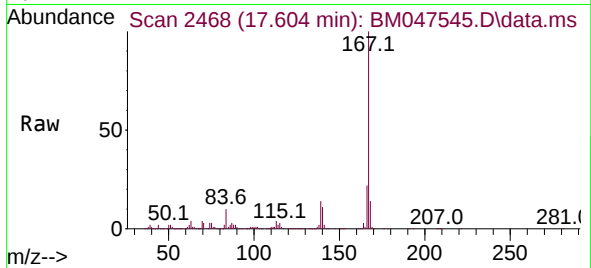
Tgt Ion:178 Resp: 1246491
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.3 18.5





#73
Carbazole
Concen: 6.999 ng
RT: 17.604 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

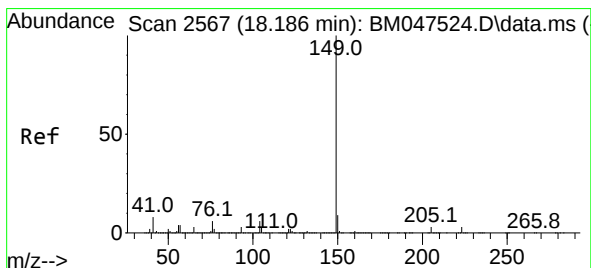
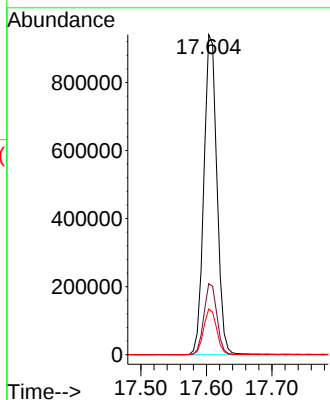
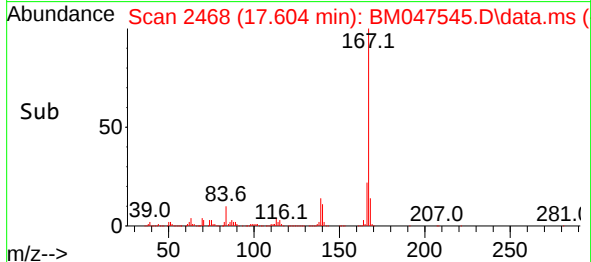
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



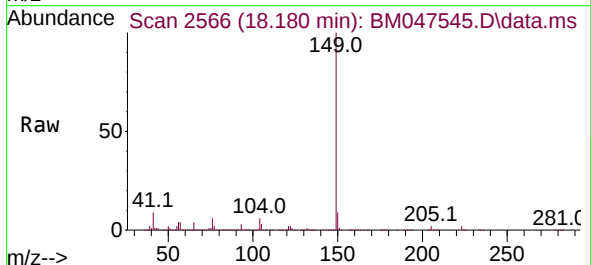
Tgt Ion:167 Resp: 1304209
Ion Ratio Lower Upper
167 100
166 22.2 17.8 26.8
139 14.3 11.0 16.6

Manual Integrations
APPROVED

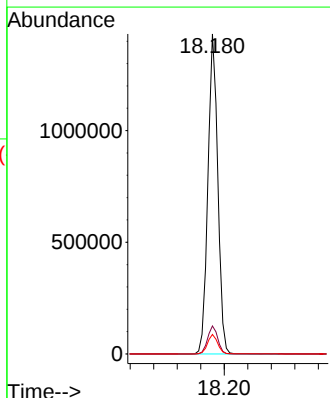
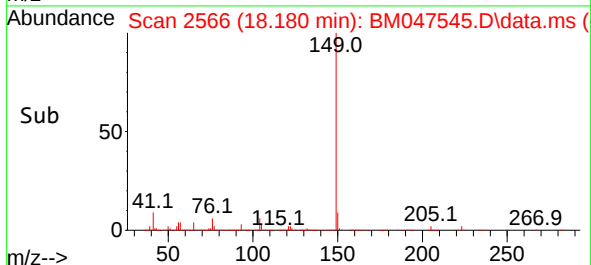
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

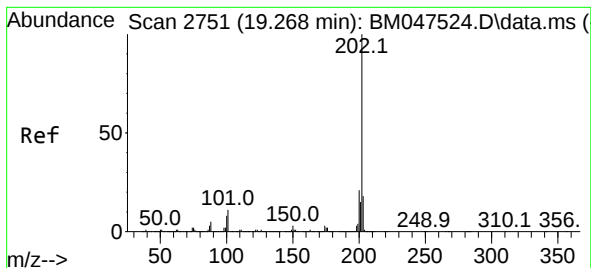


#74
Di-n-butylphthalate
Concen: 7.468 ng
RT: 18.180 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



Tgt Ion:149 Resp: 1664980
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 6.1 4.6 6.8





#75

Fluoranthene

Concen: 6.551 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:202 Resp: 139875

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.8

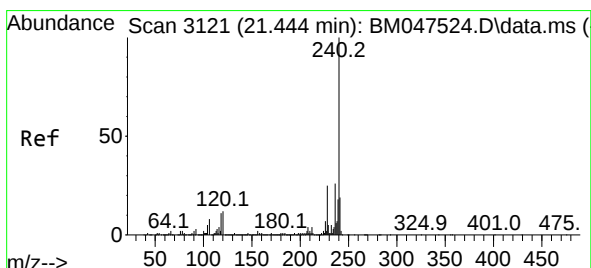
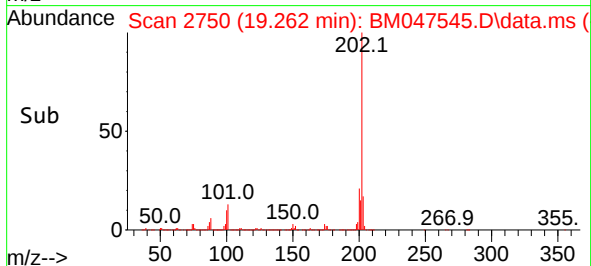
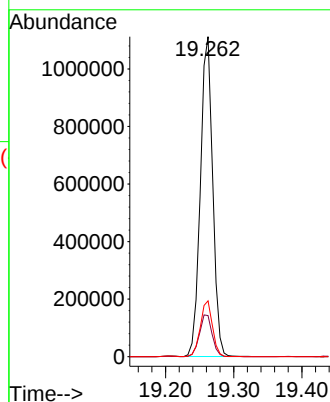
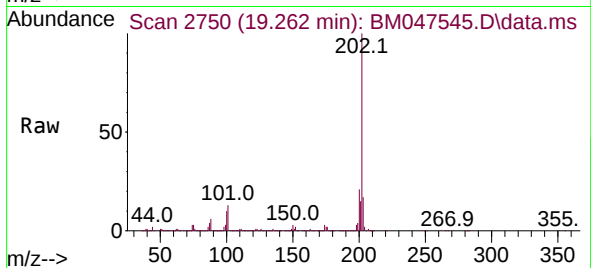
203 17.4 0.0 37.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.005 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

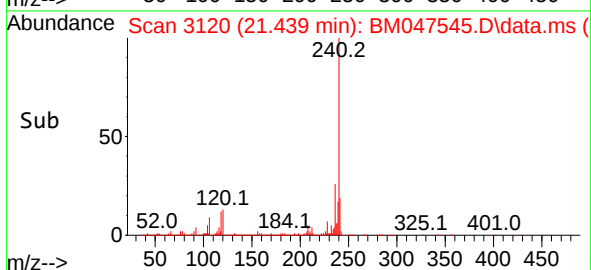
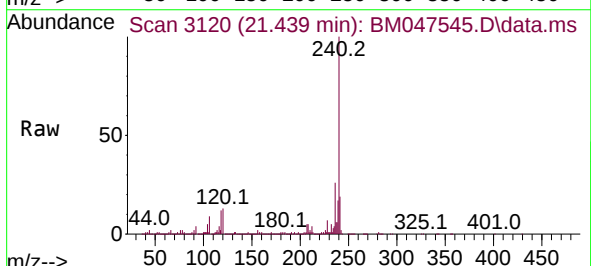
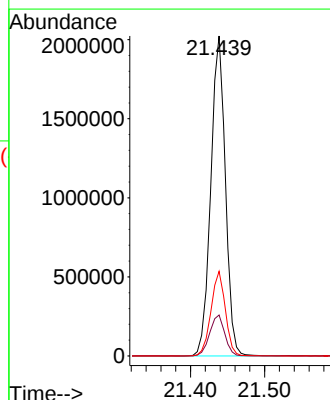
Tgt Ion:240 Resp: 2763097

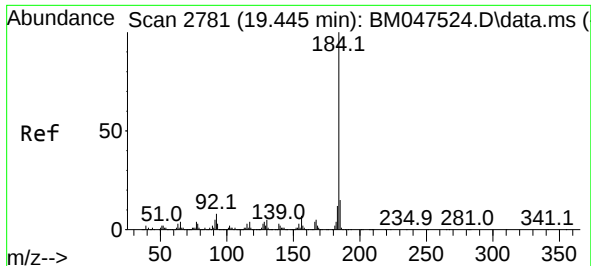
Ion Ratio Lower Upper

240 100

120 12.8 9.6 14.4

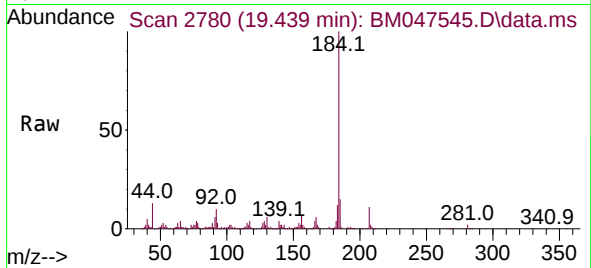
236 26.5 20.9 31.3





#77
Benzidine
Concen: 5.331 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

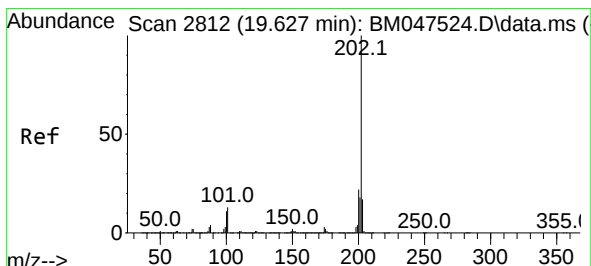
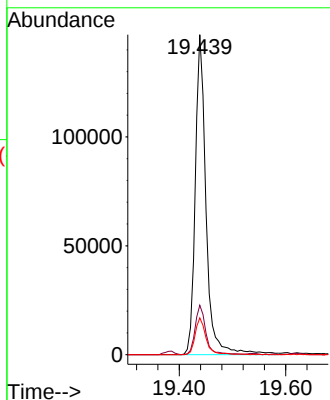
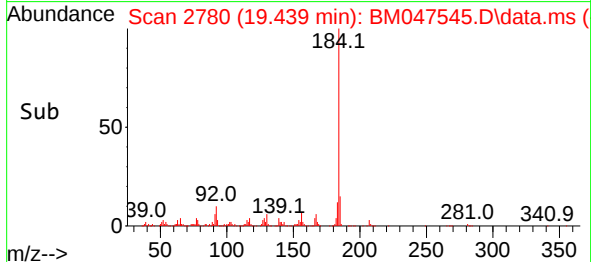
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



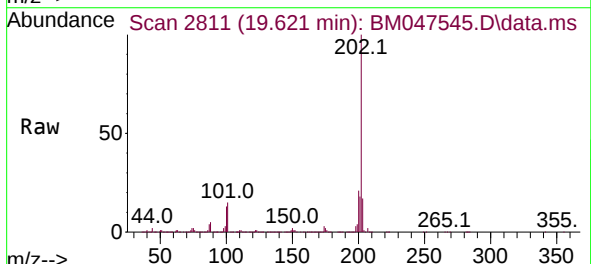
Tgt Ion:184 Resp: 20744
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 11.5 9.6 14.4

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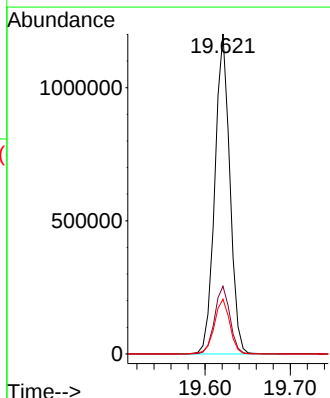
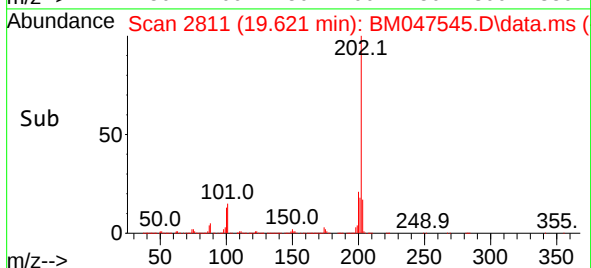
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

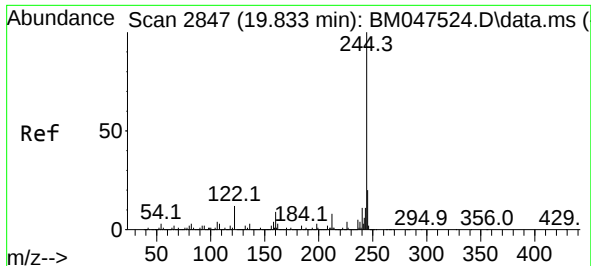


#78
Pyrene
Concen: 7.297 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



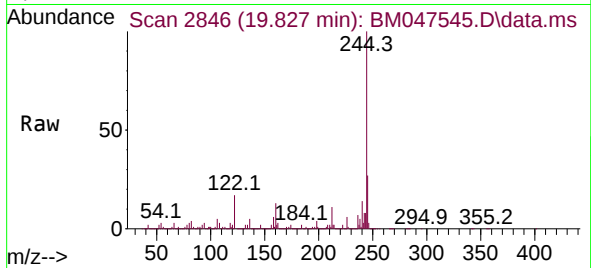
Tgt Ion:202 Resp: 1470623
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.1 14.0 21.0





#79
 Terphenyl-d14
 Concen: 74.477 ng
 RT: 19.827 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: BM047545.D
 Acq: 17 Sep 2024 15:48

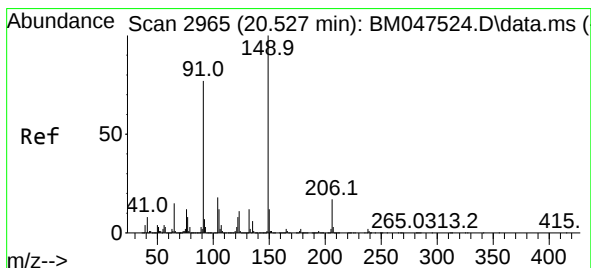
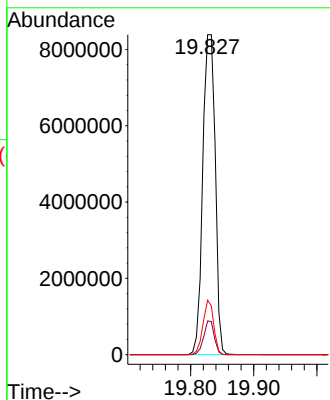
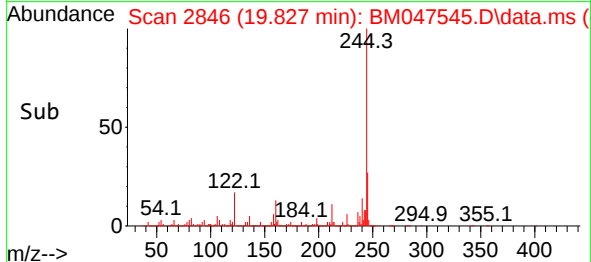
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion:244 Resp:11483994
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.2 9.2
 122 17.1 9.6 14.4

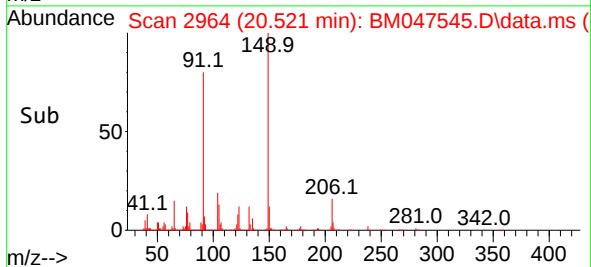
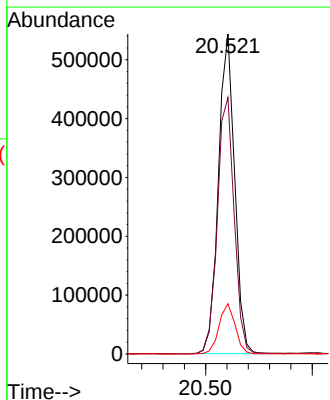
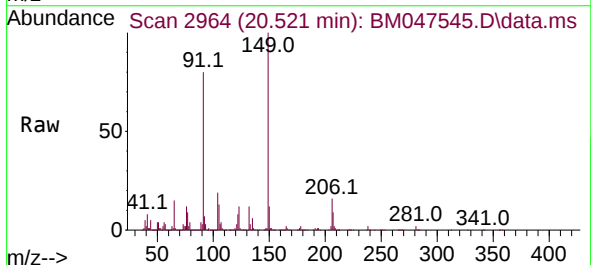
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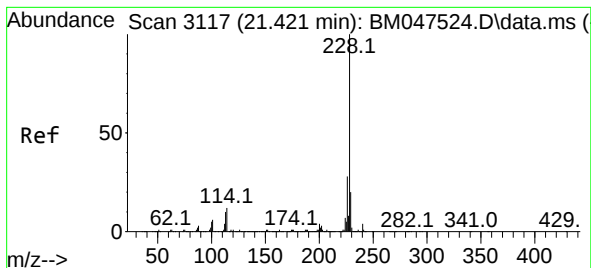
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#80
 Butylbenzylphthalate
 Concen: 7.408 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047545.D
 Acq: 17 Sep 2024 15:48

Tgt Ion:149 Resp: 574721
 Ion Ratio Lower Upper
 149 100
 91 80.1 62.0 93.0
 206 15.7 13.8 20.8





#81

Benzo(a)anthracene

Concen: 7.627 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047545.D

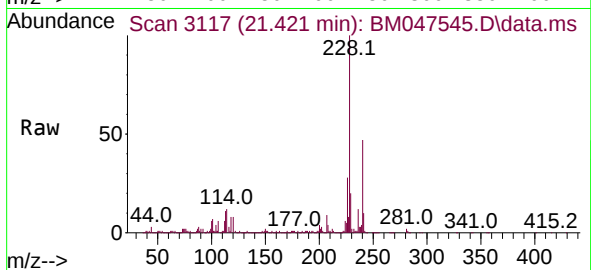
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:228 Resp: 137367

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

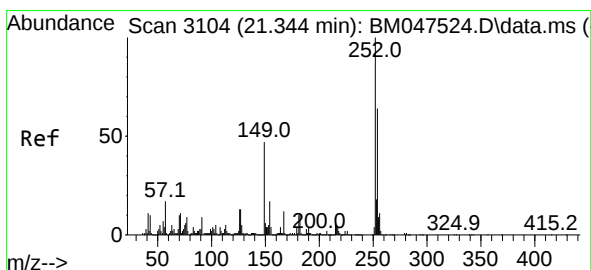
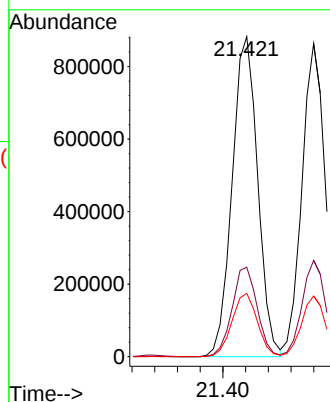
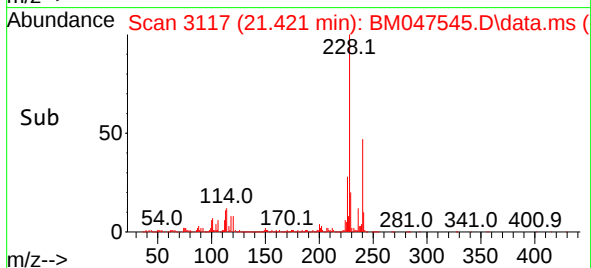
229 19.8 16.0 24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#82

3,3'-Dichlorobenzidine

Concen: 7.582 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

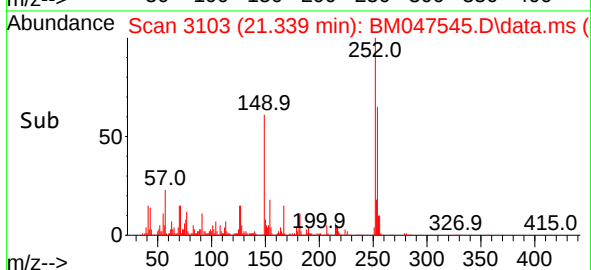
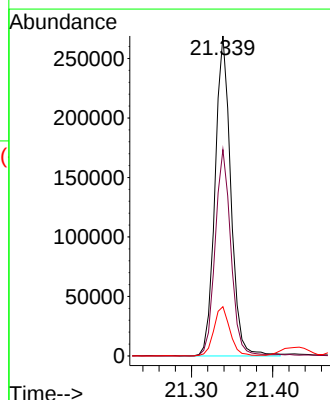
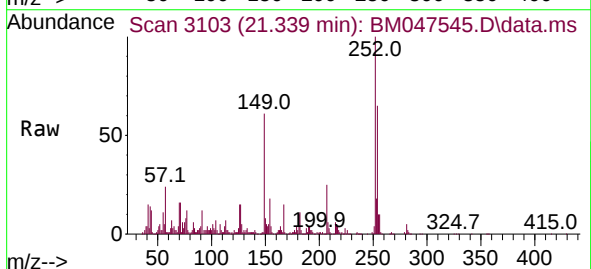
Tgt Ion:252 Resp: 363235

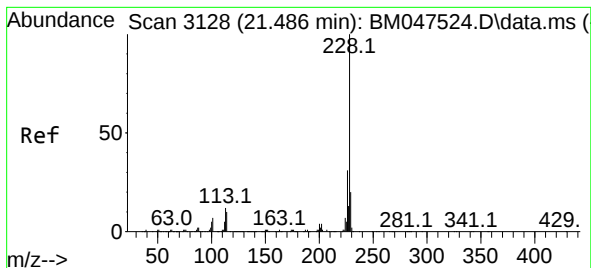
Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

126 15.4 10.3 15.5





#83

Chrysene

Concen: 7.266 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047545.D

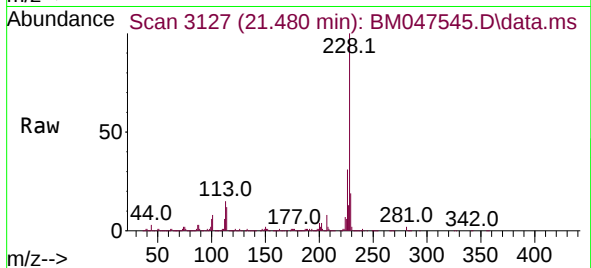
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:228 Resp: 123774

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

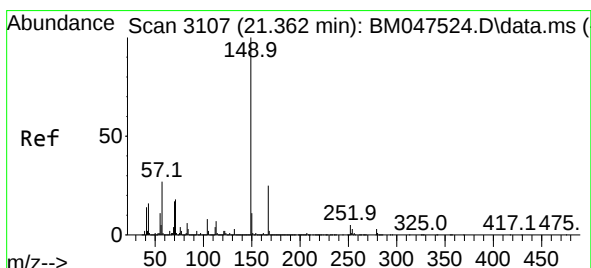
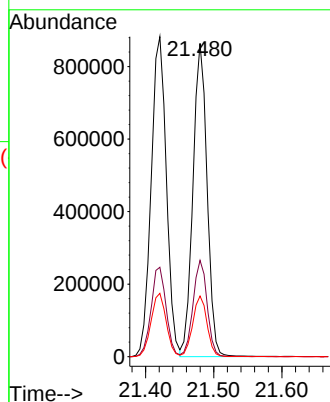
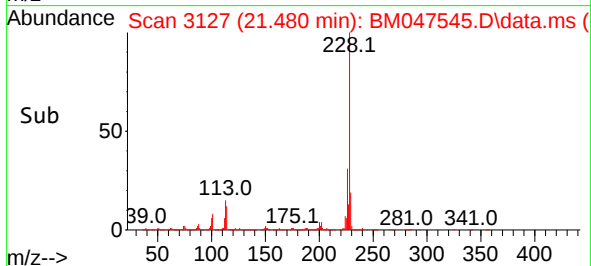
229 19.4 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.592 ng

RT: 21.350 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

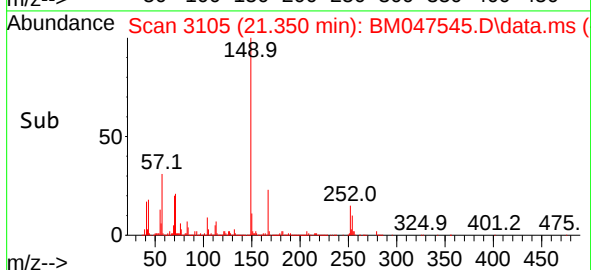
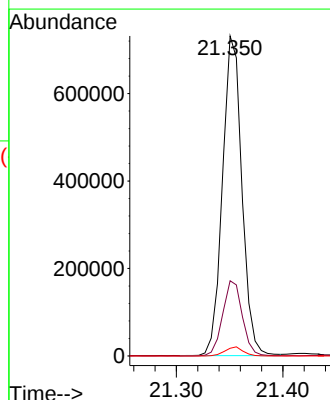
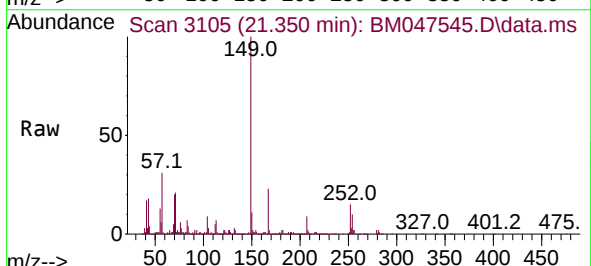
Tgt Ion:149 Resp: 922807

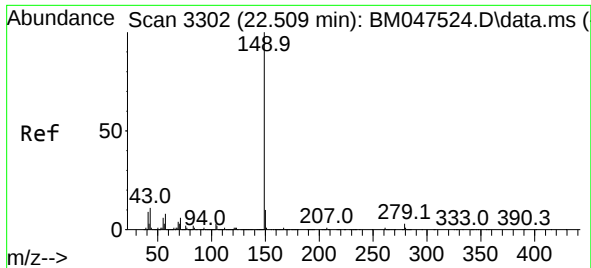
Ion Ratio Lower Upper

149 100

167 23.5 20.2 30.4

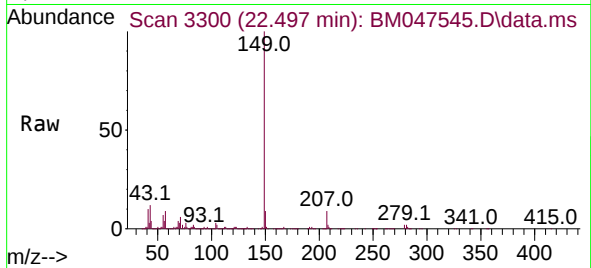
279 2.4 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 7.295 ng
RT: 22.497 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

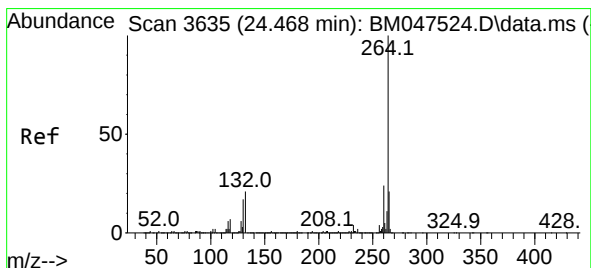
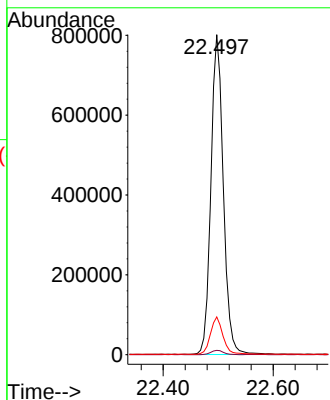
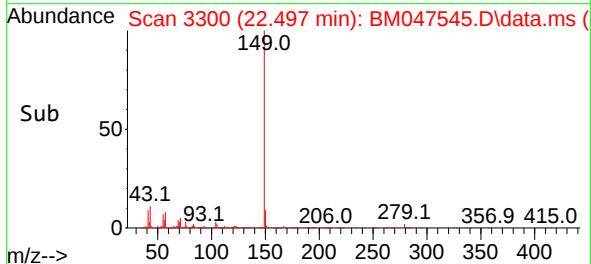
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



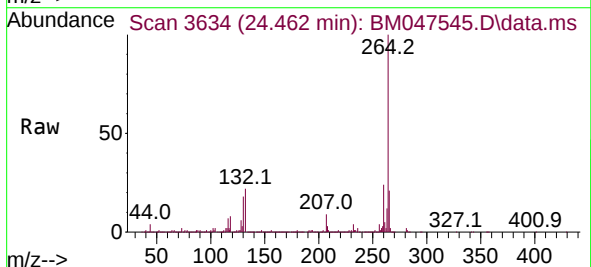
Tgt Ion:149 Resp: 125421
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.8 8.9 13.3

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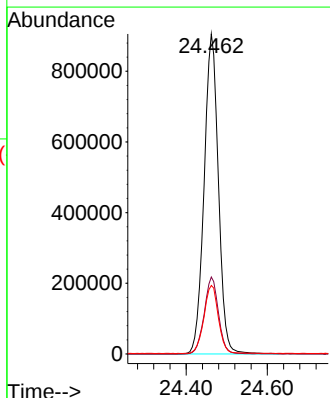
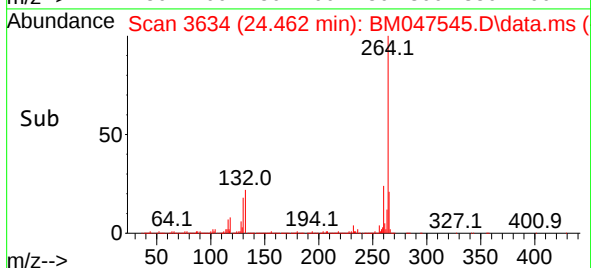
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

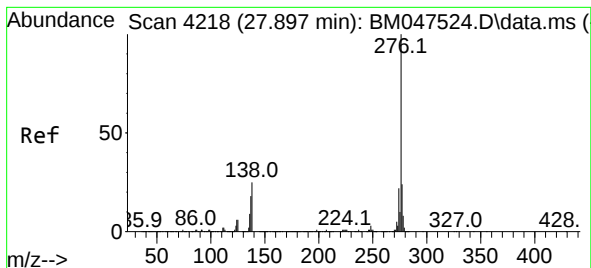


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3634
Delta R.T. -0.006 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48



Tgt Ion:264 Resp: 2207975
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.114 ng

RT: 27.873 min Scan# 4218

Delta R.T. -0.024 min

Lab File: BM047545.D

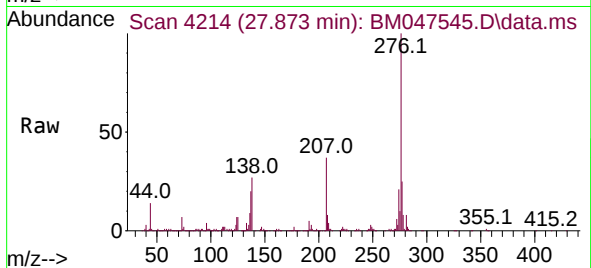
Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:276 Resp: 1072120

Ion Ratio Lower Upper

276 100

138 21.7 25.0 37.6

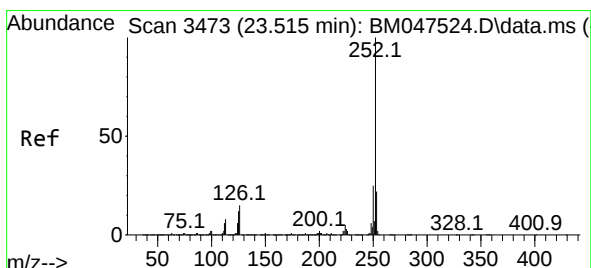
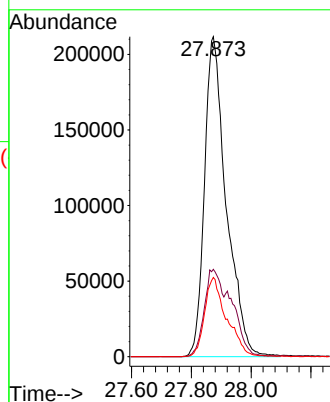
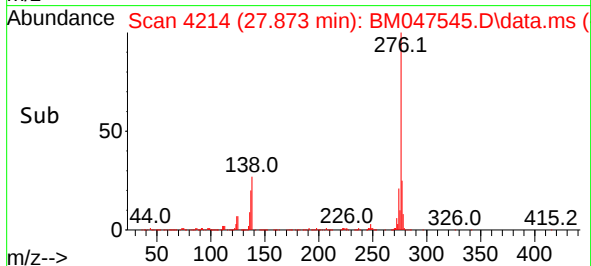
277 25.2 20.1 30.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#88

Benzo(b)fluoranthene

Concen: 7.541 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

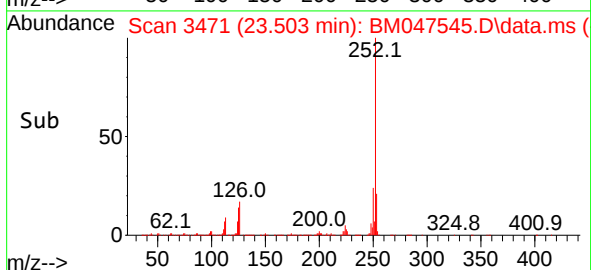
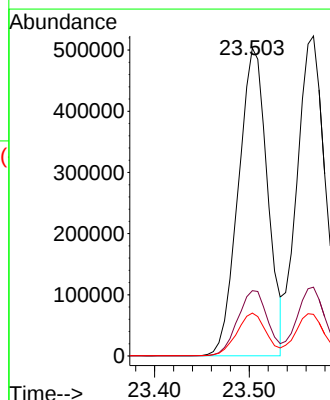
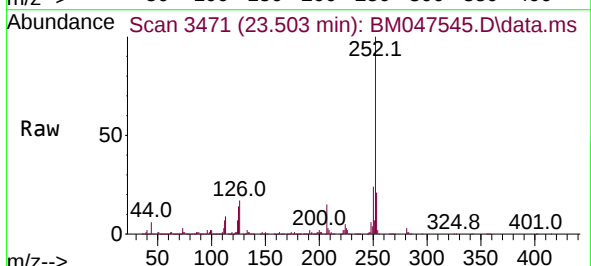
Tgt Ion:252 Resp: 1077241

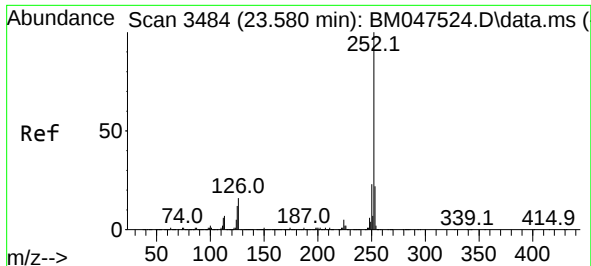
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

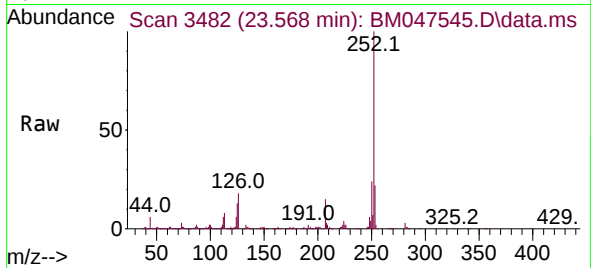
125 14.0 9.5 14.3





#89
Benzo(k)fluoranthene
Concen: 7.788 ng
RT: 23.568 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

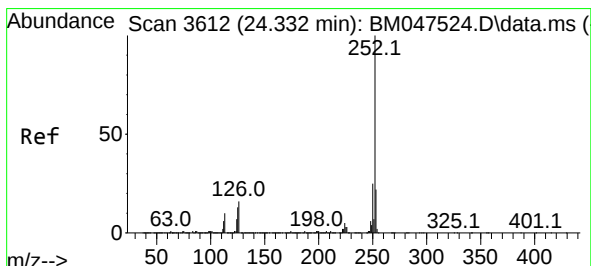
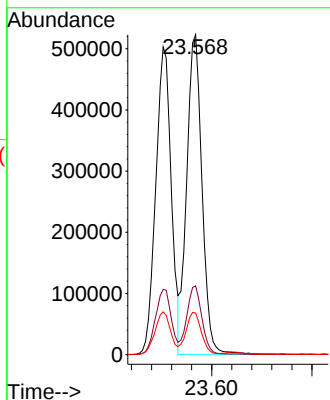
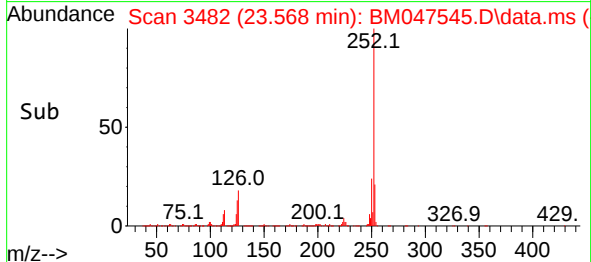
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:252 Resp: 110259
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 13.0 9.5 14.3

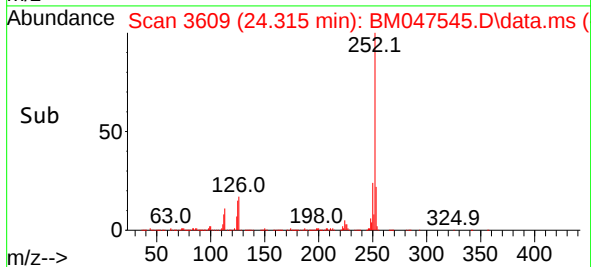
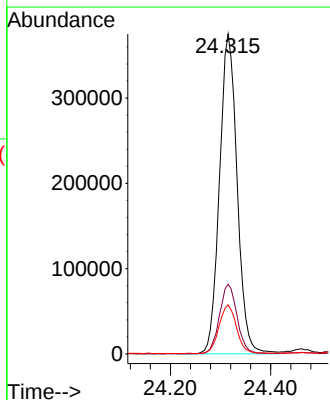
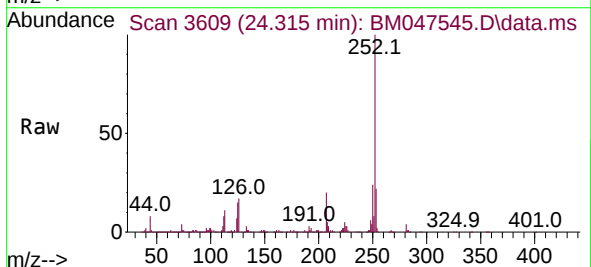
Manual Integrations
APPROVED

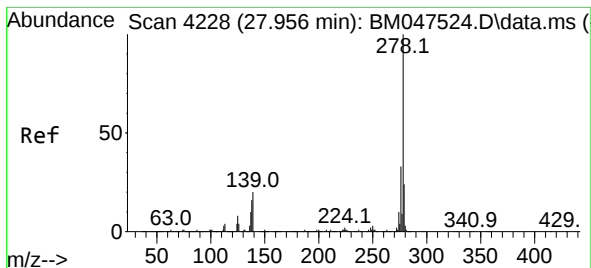
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#90
Benzo(a)pyrene
Concen: 7.820 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.018 min
Lab File: BM047545.D
Acq: 17 Sep 2024 15:48

Tgt Ion:252 Resp: 915658
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 15.4 10.2 15.4#





#91

Dibenzo(a,h)anthracene

Concen: 7.945 ng

RT: 27.938 min Scan# 4394

Delta R.T. -0.018 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:278 Resp: 88330

Ion Ratio Lower Upper

278 100

139 21.9 15.9 23.9

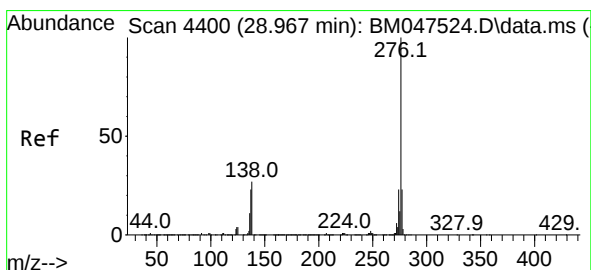
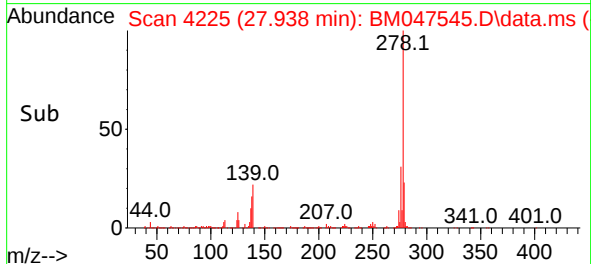
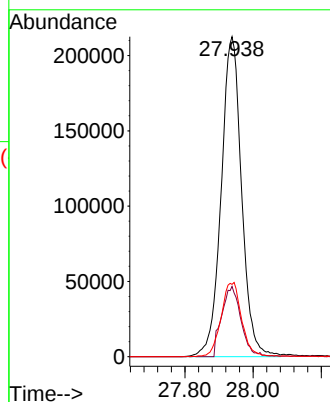
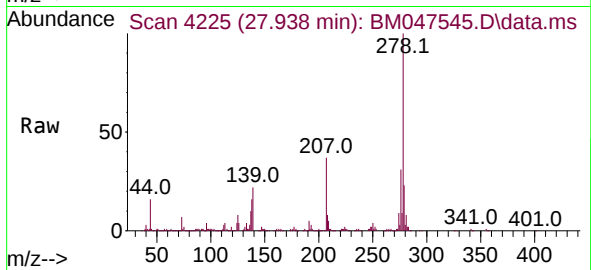
279 22.6 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#92

Benzo(g,h,i)perylene

Concen: 7.760 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.035 min

Lab File: BM047545.D

Acq: 17 Sep 2024 15:48

Tgt Ion:276 Resp: 842675

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 29.6 21.5 32.3

