

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048214.D
 Acq On : 24 Oct 2024 13:09
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 24 13:42:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	180596	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	728323	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	453265	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	911693	20.000	ng	0.00
76) Chrysene-d12	21.333	240	841992	20.000	ng	0.00
86) Perylene-d12	24.286	264	892735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	936854	87.200	ng	0.00
7) Phenol-d6	6.898	99	1212384	86.650	ng	0.00
23) Nitrobenzene-d5	8.881	82	794778	61.615	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	487461	87.862	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	1847449	62.544	ng	0.00
79) Terphenyl-d14	19.733	244	2498687	60.561	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	34011	7.734	ng	99
3) Pyridine	3.616	79	81148	6.946	ng	99
4) n-Nitrosodimethylamine	3.516	42	37255	7.511	ng	# 91
6) Aniline	7.051	93	106456	9.166	ng	99
8) 2-Chlorophenol	7.287	128	89597	7.676	ng	98
9) Benzaldehyde	6.863	77	70900m	10.314	ng	
10) Phenol	6.928	94	106653	7.576	ng	98
11) bis(2-Chloroethyl)ether	7.146	93	84451	7.532	ng	96
12) 1,3-Dichlorobenzene	7.610	146	100373	7.459	ng	96
13) 1,4-Dichlorobenzene	7.757	146	102789	7.519	ng	96
14) 1,2-Dichlorobenzene	8.069	146	98710	7.471	ng	99
15) Benzyl Alcohol	7.969	79	64264	7.199	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.240	45	128811	7.854	ng	99
17) 2-Methylphenol	8.175	107	62484	6.680	ng	98
18) Hexachloroethane	8.798	117	35936	7.172	ng	93
19) n-Nitroso-di-n-propyla...	8.528	70	62762	7.090	ng	99
20) 3+4-Methylphenols	8.504	107	83604	6.452	ng	94
22) Acetophenone	8.545	105	132783	7.470	ng	# 98
24) Nitrobenzene	8.922	77	94572	7.076	ng	99
25) Isophorone	9.445	82	169812	7.182	ng	99
26) 2-Nitrophenol	9.634	139	39707	6.435	ng	96
27) 2,4-Dimethylphenol	9.698	122	28045	3.746	ng	95
28) bis(2-Chloroethoxy)met...	9.928	93	106325	7.106	ng	98
29) 2,4-Dichlorophenol	10.181	162	73169	6.794	ng	97
30) 1,2,4-Trichlorobenzene	10.375	180	87365	7.083	ng	99
31) Naphthalene	10.563	128	273669	7.204	ng	100
32) Benzoic acid	9.804	122	72614m	8.713	ng	
33) 4-Chloroaniline	10.686	127	91680	7.442	ng	98
34) Hexachlorobutadiene	10.845	225	52937	6.924	ng	97
35) Caprolactam	11.457	113	22403m	6.403	ng	
36) 4-Chloro-3-methylphenol	11.816	107	73184	6.509	ng	97
37) 2-Methylnaphthalene	12.180	142	179428	7.070	ng	98
38) 1-Methylnaphthalene	12.398	142	170328	6.768	ng	100
40) 1,2,4,5-Tetrachloroben...	12.551	216	99016	7.643	ng	100
41) Hexachlorocyclopentadiene	12.528	237	31837	7.262	ng	95
43) 2,4,6-Trichlorophenol	12.798	196	58042	6.751	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	62352	6.504	ng	98
46) 1,1'-Biphenyl	13.198	154	249569	7.712	ng	99
47) 2-Chloronaphthalene	13.239	162	185391	7.266	ng	99
48) 2-Nitroaniline	13.451	65	44865	6.483	ng	96
49) Acenaphthylene	14.086	152	289486	7.776	ng	99
50) Dimethylphthalate	13.822	163	228783	7.394	ng	100
51) 2,6-Dinitrotoluene	13.945	165	43725	6.333	ng	96
52) Acenaphthene	14.427	154	170842	7.223	ng	97
53) 3-Nitroaniline	14.280	138	41012	6.299	ng	# 99
54) 2,4-Dinitrophenol	14.492	184	22531	5.585	ng	87
55) Dibenzofuran	14.763	168	283334	7.539	ng	100
56) 4-Nitrophenol	14.610	139	30341	5.221	ng	94
57) 2,4-Dinitrotoluene	14.739	165	57023	6.254	ng	98
58) Fluorene	15.416	166	219772	7.396	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	58513	7.363	ng	100
60) Diethylphthalate	15.186	149	222765	7.110	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	110248	7.420	ng	96
62) 4-Nitroaniline	15.445	138	36824	5.465	ng	96
63) Azobenzene	15.704	77	201176	7.165	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	41705	7.884	ng	98
66) n-Nitrosodiphenylamine	15.621	169	183720	7.341	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	67469	7.299	ng	97
68) Hexachlorobenzene	16.415	284	81235	7.317	ng	98
69) Atrazine	16.580	200	61747	8.817	ng	98
70) Pentachlorophenol	16.768	266	84279	11.563	ng	100
71) Phenanthrene	17.151	178	345281	7.648	ng	99
72) Anthracene	17.245	178	296233	6.779	ng	99
73) Carbazole	17.515	167	291748	6.810	ng	99
74) Di-n-butylphthalate	18.074	149	357336	6.701	ng	100
75) Fluoranthene	19.168	202	379027	7.038	ng	98
77) Benzidine	19.362	184	58853m	6.056	ng	
78) Pyrene	19.527	202	401011	7.116	ng	99
80) Butylbenzylphthalate	20.427	149	150927	6.404	ng	96
81) Benzo(a)anthracene	21.315	228	389278	7.235	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	118636	6.437	ng	99
83) Chrysene	21.374	228	387611	7.505	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	231417	6.756	ng	99
85) Di-n-octyl phthalate	22.350	149	365326	6.158	ng	# 99
87) Indeno(1,2,3-cd)pyrene	27.603	276	453132	7.676	ng	99
88) Benzo(b)fluoranthene	23.350	252	386508	7.551	ng	99
89) Benzo(k)fluoranthene	23.415	252	390342	7.887	ng	99
90) Benzo(a)pyrene	24.144	252	345029	7.753	ng	100
91) Dibenzo(a,h)anthracene	27.662	278	369163	7.509	ng	98
92) Benzo(g,h,i)perylene	28.644	276	358799	7.127	ng	97

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

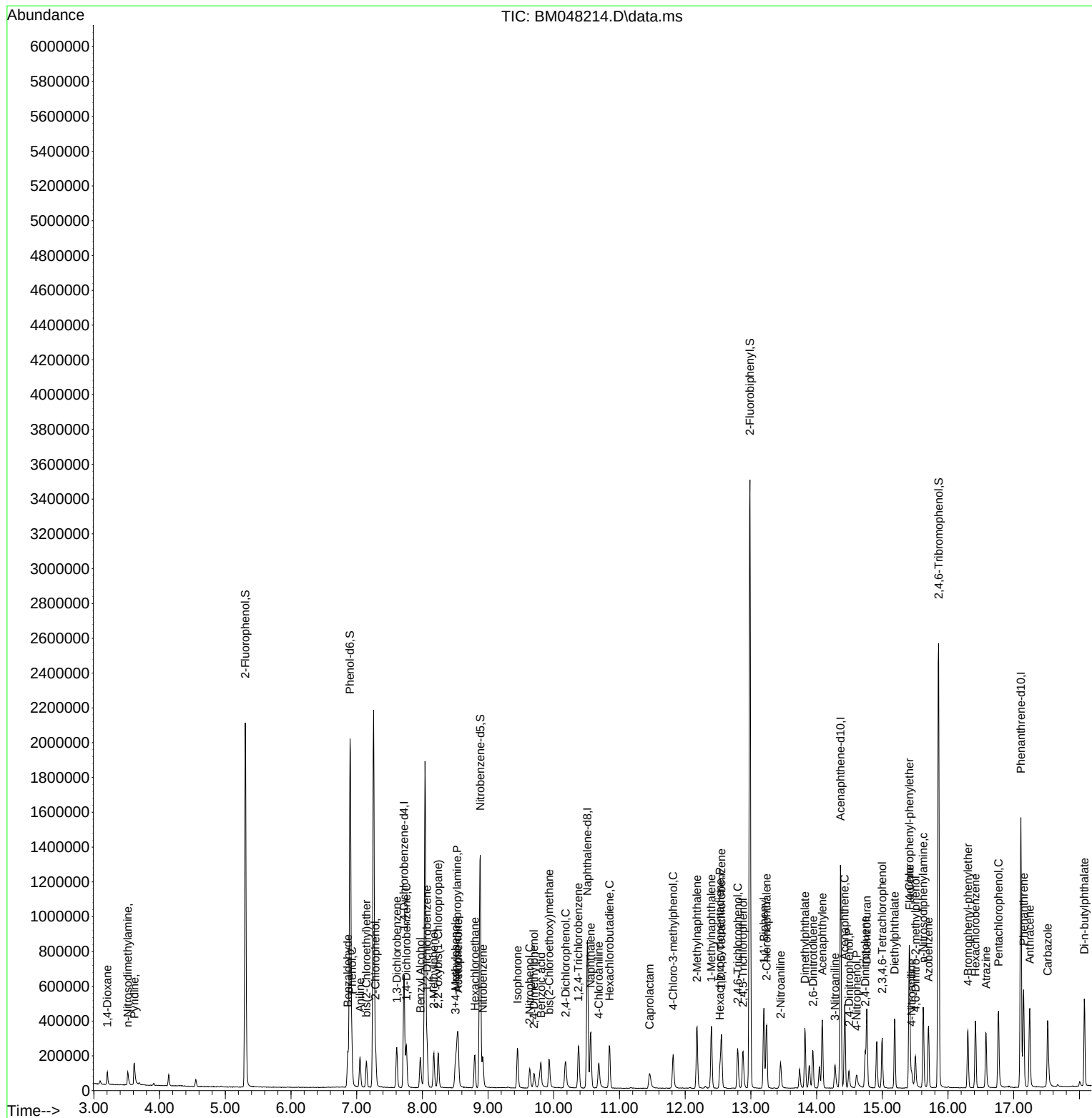
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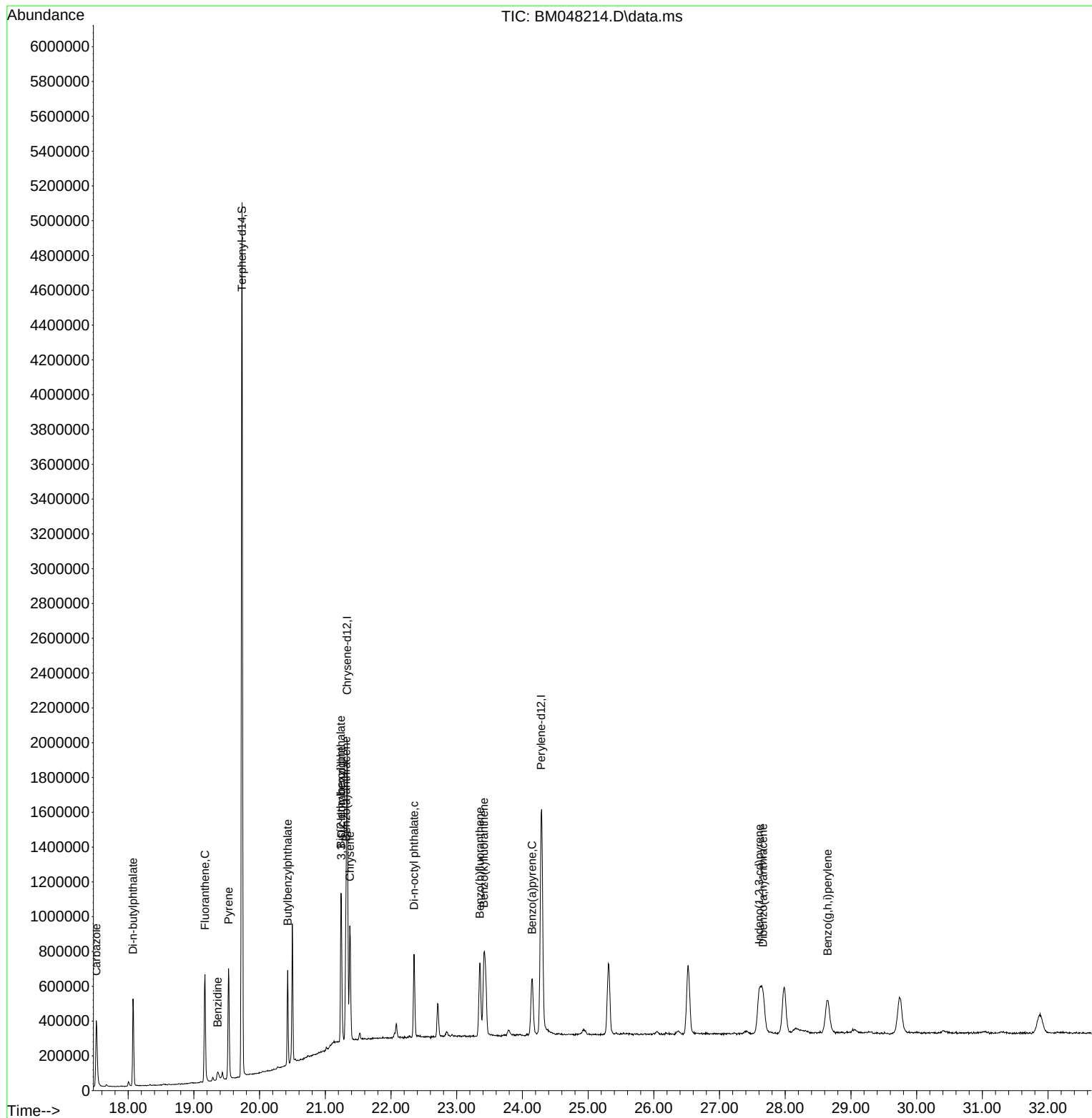
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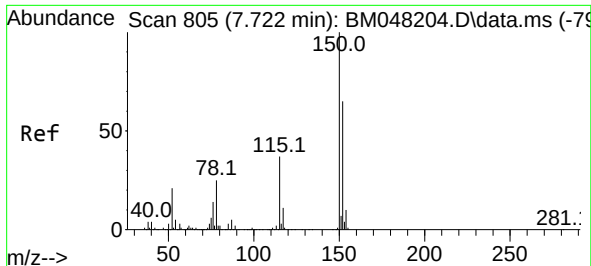
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

Quant Time: Oct 24 13:42:23 2024
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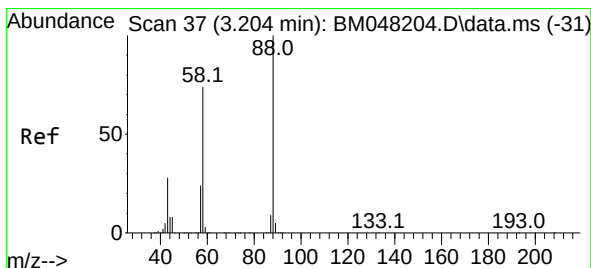
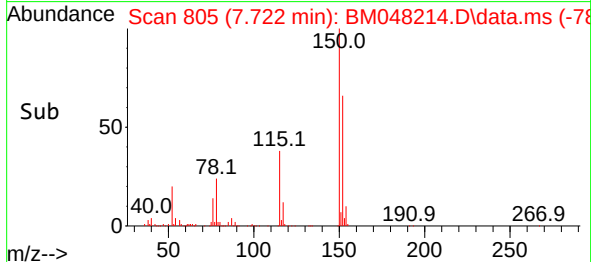
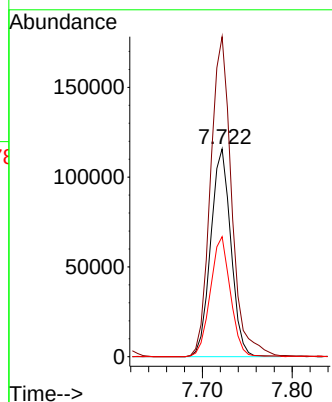
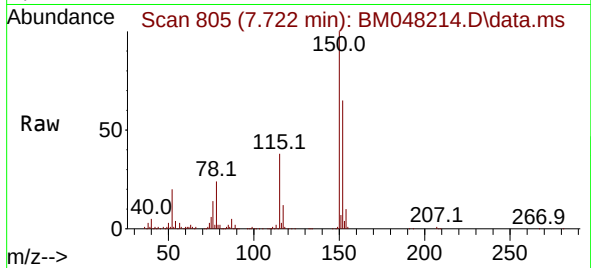
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM048214.D
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ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:152 Resp: 180590
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 57.8 45.8 68.6

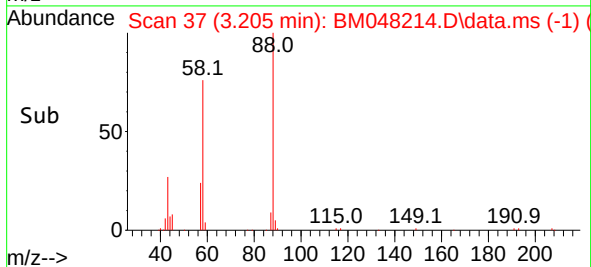
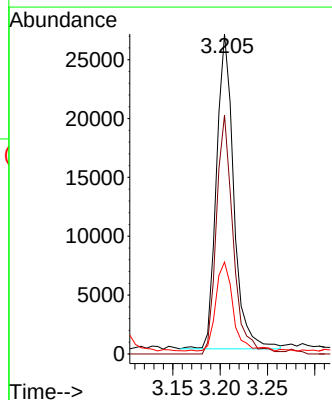
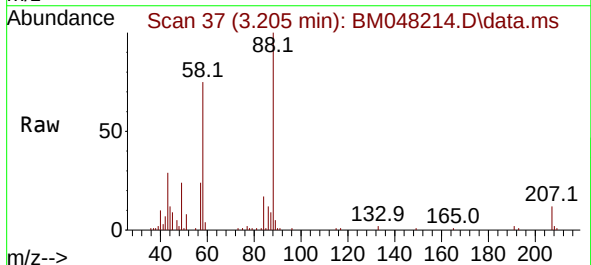
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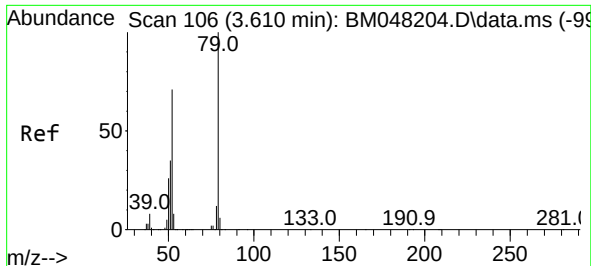
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#2
1,4-Dioxane
Concen: 7.734 ng
RT: 3.205 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

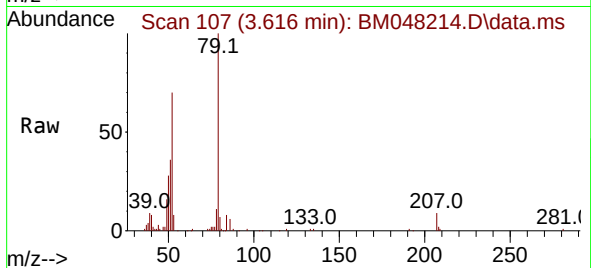
Tgt Ion: 88 Resp: 34011
Ion Ratio Lower Upper
88 100
58 73.8 59.7 89.5
43 28.9 22.6 33.8





#3
Pyridine
Concen: 6.946 ng
RT: 3.616 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

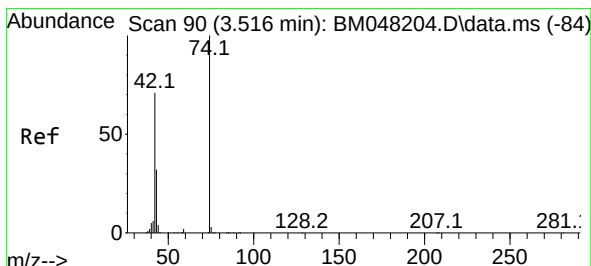
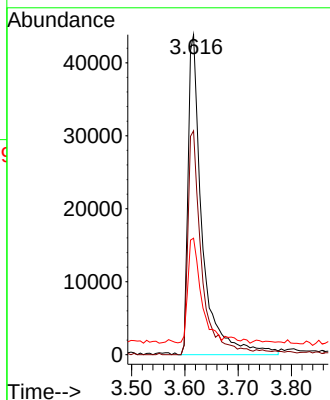
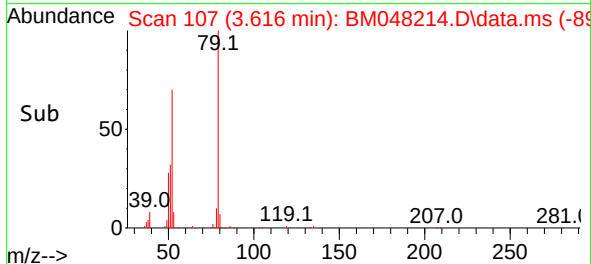
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ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 79 Resp: 81148
Ion Ratio Lower Upper
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52 70.0 56.5 84.7
51 36.4 28.5 42.7

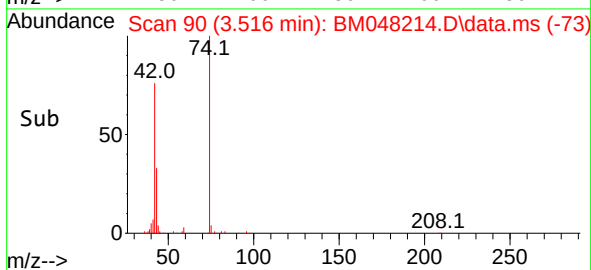
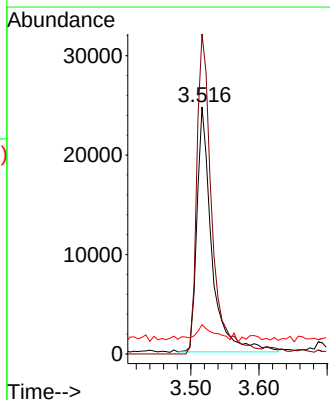
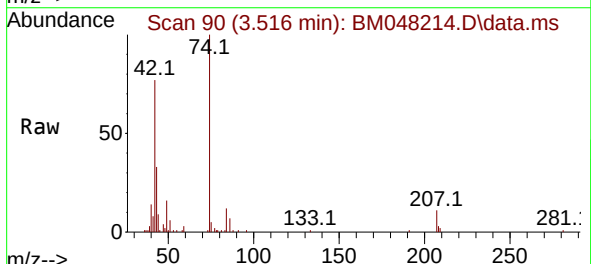
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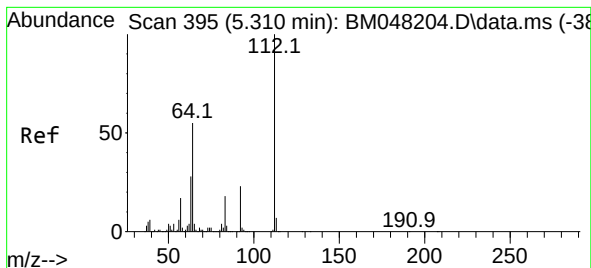
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#4
n-Nitrosodimethylamine
Concen: 7.511 ng
RT: 3.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion: 42 Resp: 37255
Ion Ratio Lower Upper
42 100
74 129.5 111.8 167.6
44 11.8 6.0 9.0





#5

2-Fluorophenol

Concen: 87.200 ng

RT: 5.304 min Scan# 395

Delta R.T. -0.006 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

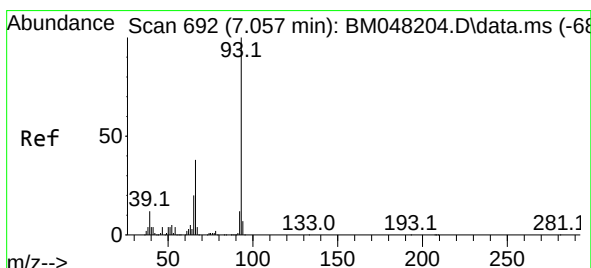
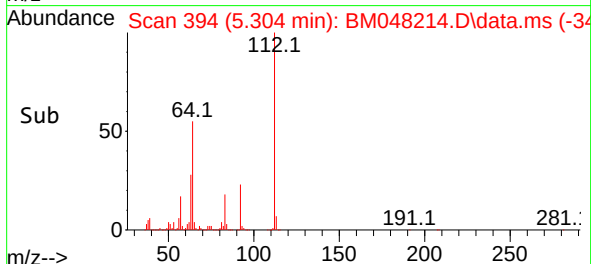
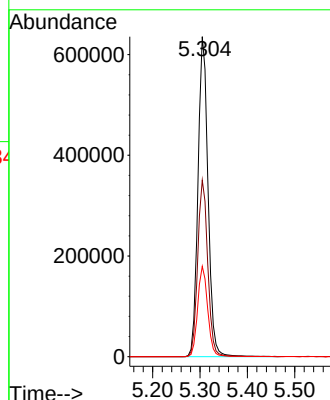
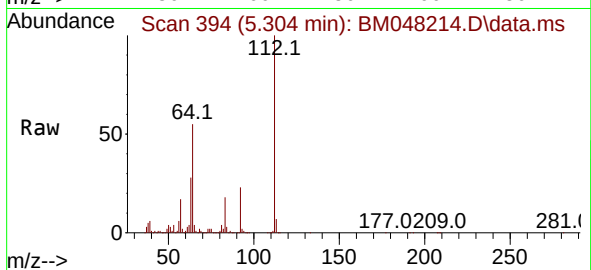
LOQ-WATER-02-QT4-2024

Tgt Ion: 112 Resp: 936854

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.2	66.2
63	28.3	22.7	34.1

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#6

Aniline

Concen: 9.166 ng

RT: 7.051 min Scan# 691

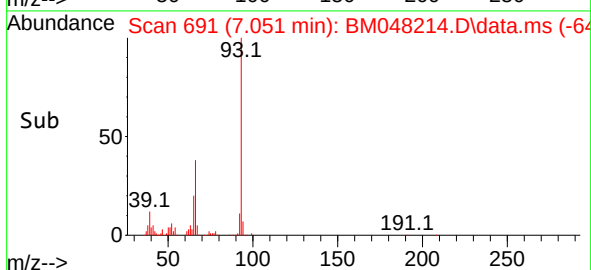
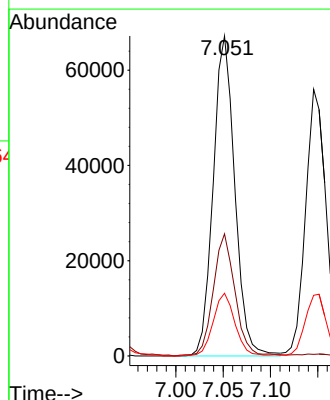
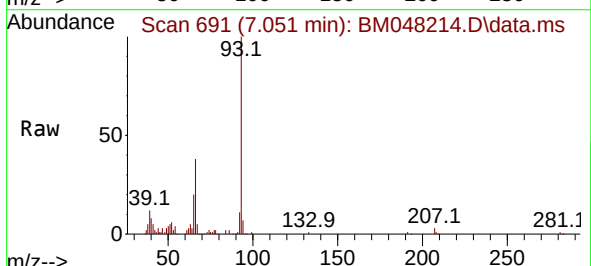
Delta R.T. -0.006 min

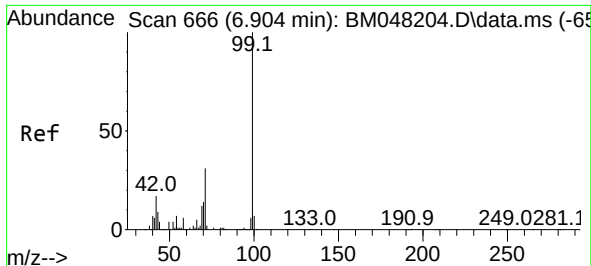
Lab File: BM048214.D

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Tgt Ion: 93 Resp: 106456

Ion	Ratio	Lower	Upper
93	100		
66	38.2	30.2	45.2
65	19.6	16.2	24.2





#7

Phenol-d6

Concen: 86.650 ng

RT: 6.898 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM048214.D

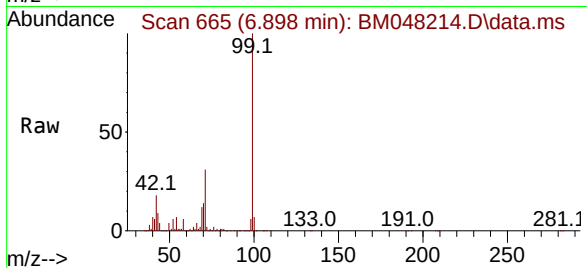
Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 99 Resp: 1212384

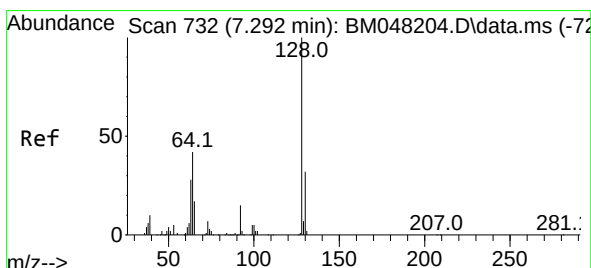
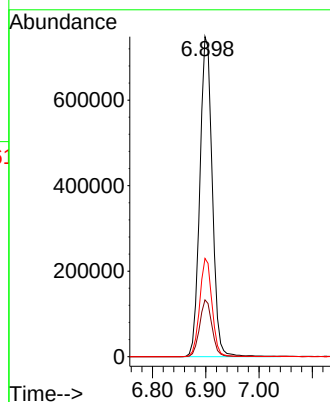
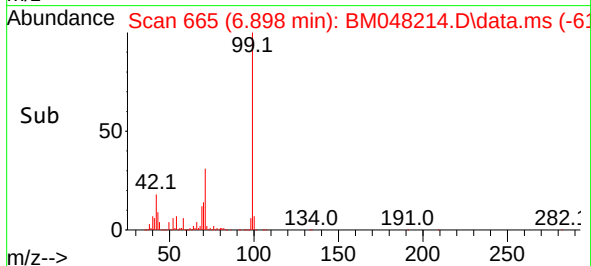
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.8	20.8
71	30.7	24.9	37.3

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#8

2-Chlorophenol

Concen: 7.676 ng

RT: 7.287 min Scan# 731

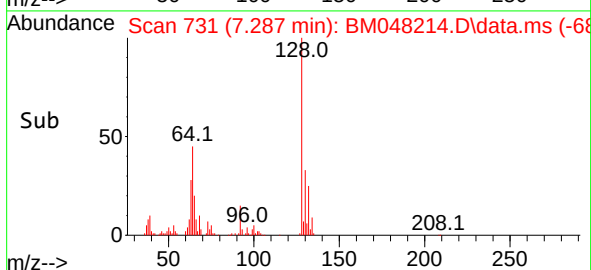
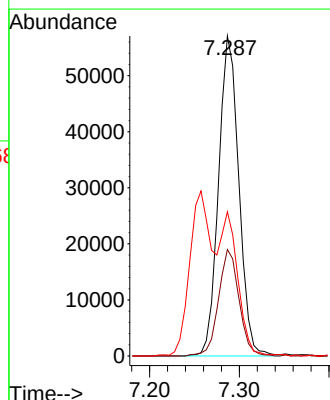
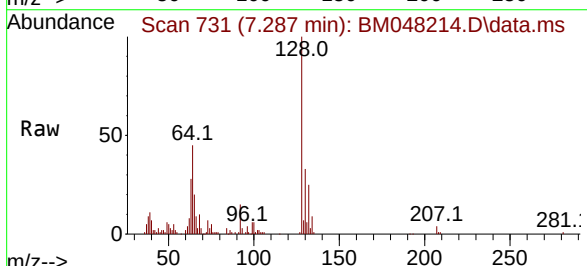
Delta R.T. -0.006 min

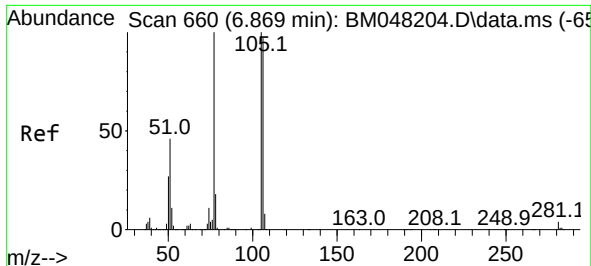
Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Tgt Ion:128 Resp: 89597

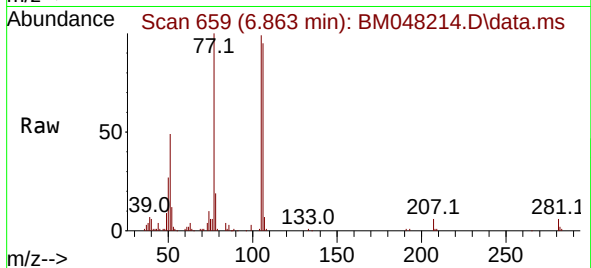
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.1	52.1
64	45.0	23.8	63.8





#9
Benzaldehyde
Concen: 10.314 ng m
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

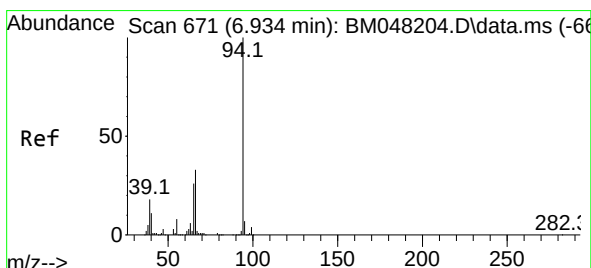
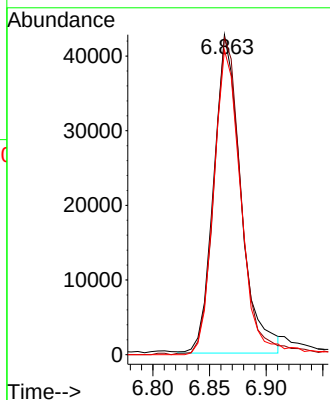
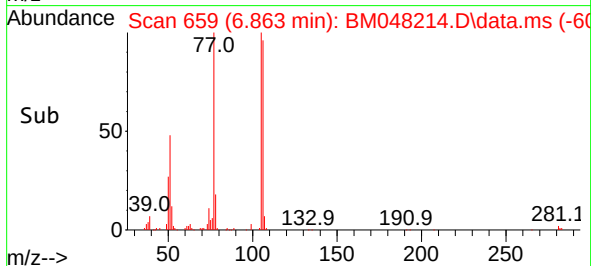
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 70900
Ion Ratio Lower Upper
77 100
105 99.1 79.6 119.6
106 95.2 77.0 117.0

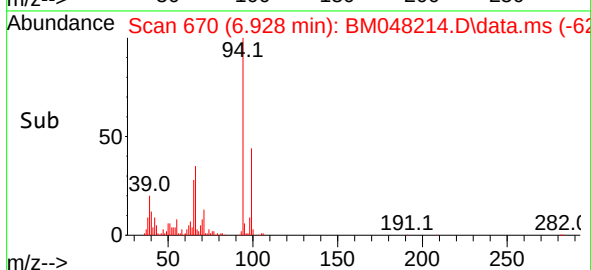
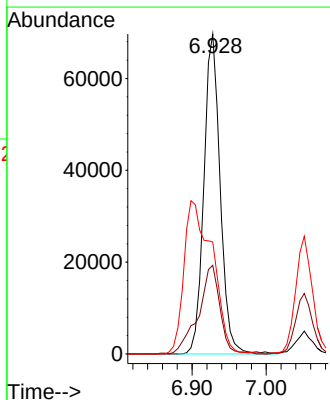
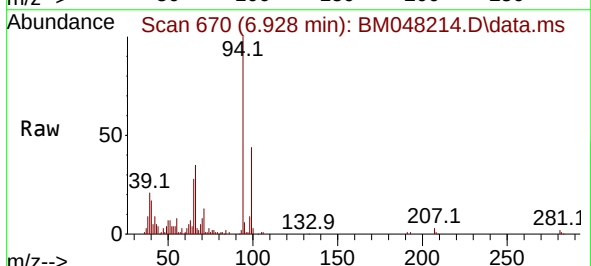
Manual Integrations
APPROVED

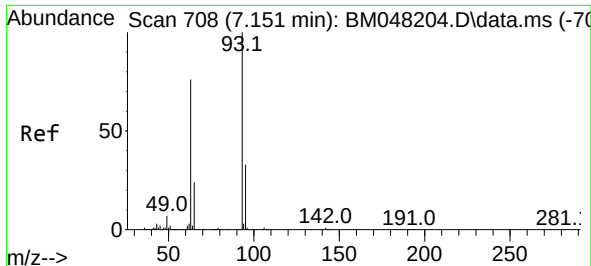
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#10
Phenol
Concen: 7.576 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion: 94 Resp: 106653
Ion Ratio Lower Upper
94 100
65 27.7 6.5 46.5
66 35.0 13.6 53.6





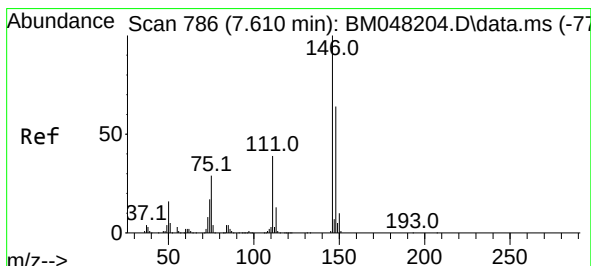
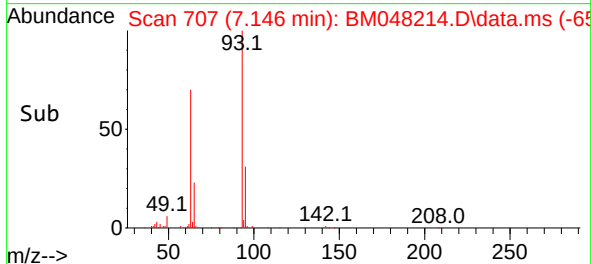
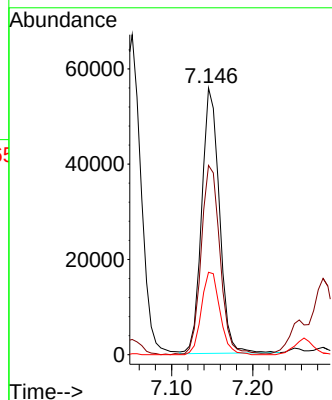
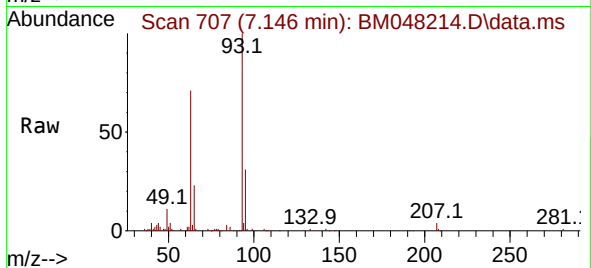
#11
bis(2-Chloroethyl)ether
Concen: 7.532 ng
RT: 7.146 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 93 Resp: 8445
Ion Ratio Lower Upper
93 100
63 71.0 55.3 95.3
95 30.9 12.4 52.4

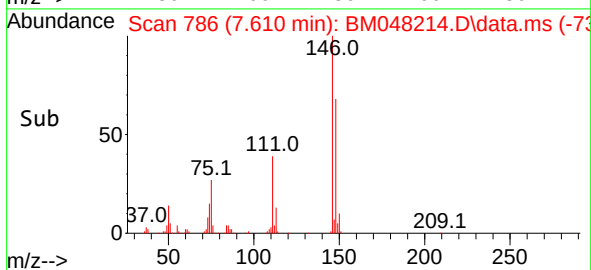
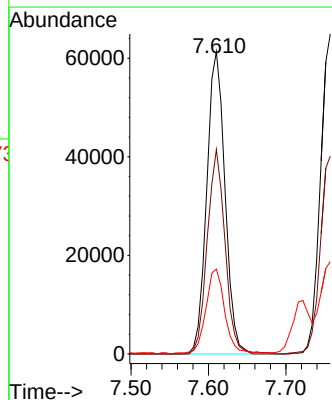
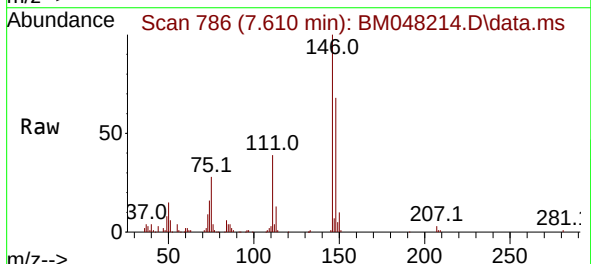
Manual Integrations
APPROVED

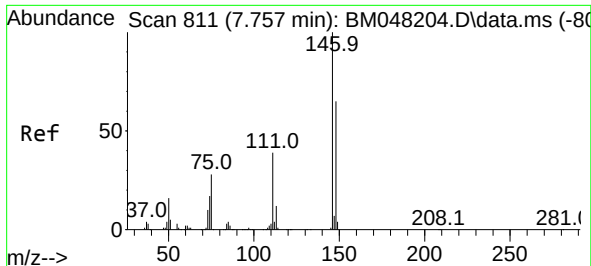
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#12
1,3-Dichlorobenzene
Concen: 7.459 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion:146 Resp: 100373
Ion Ratio Lower Upper
146 100
148 67.6 51.0 76.6
75 28.1 22.9 34.3





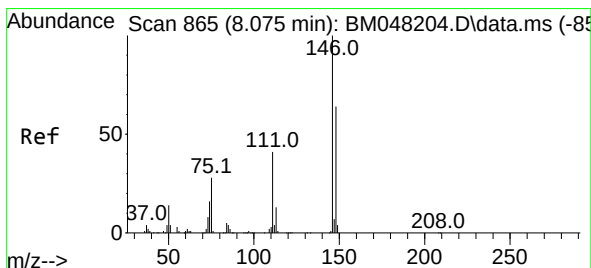
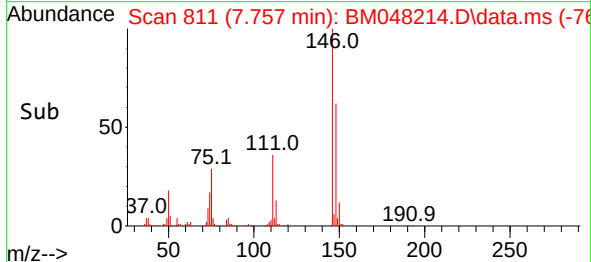
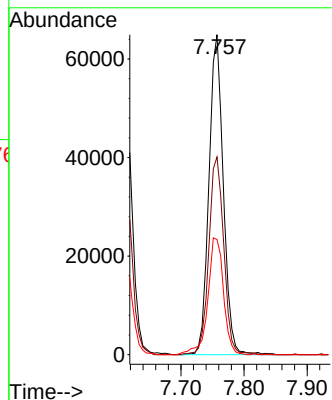
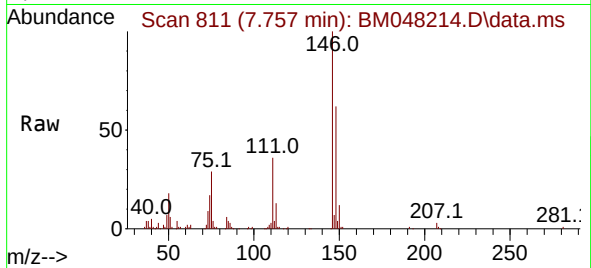
#13
1,4-Dichlorobenzene
Concen: 7.519 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:146 Resp: 102789
Ion Ratio Lower Upper
146 100
148 61.8 51.7 77.5
111 36.0 31.4 47.2

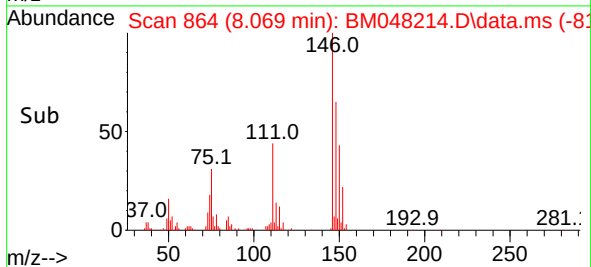
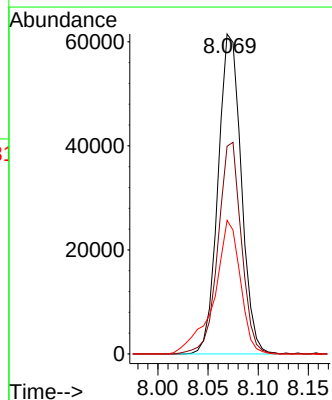
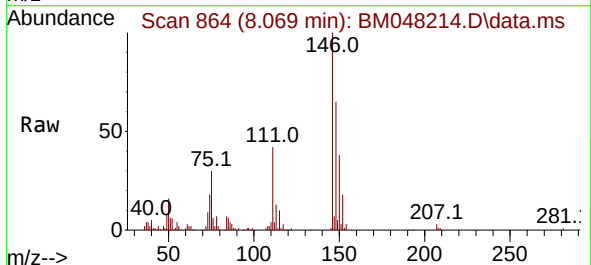
Manual Integrations
APPROVED

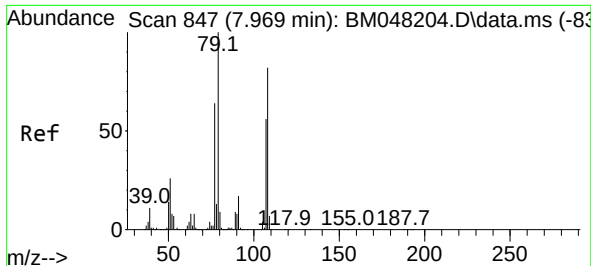
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#14
1,2-Dichlorobenzene
Concen: 7.471 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion:146 Resp: 98710
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
111 41.8 32.7 49.1





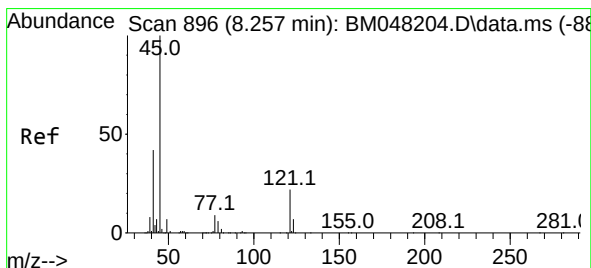
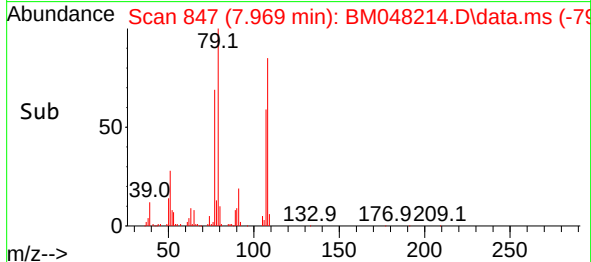
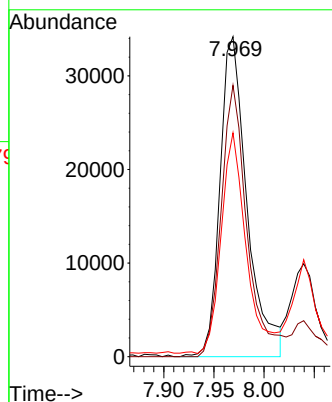
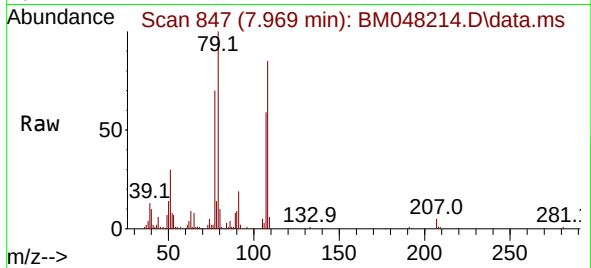
#15
Benzyl Alcohol
Concen: 7.199 ng
RT: 7.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 79 Resp: 64264
Ion Ratio Lower Upper
79 100
108 84.8 65.2 97.8
77 69.9 51.4 77.2

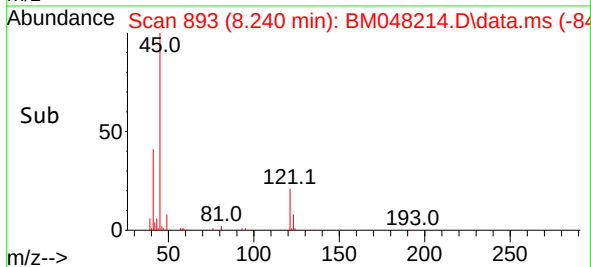
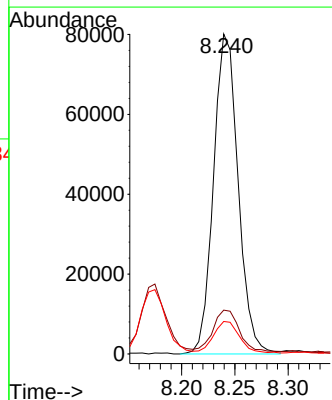
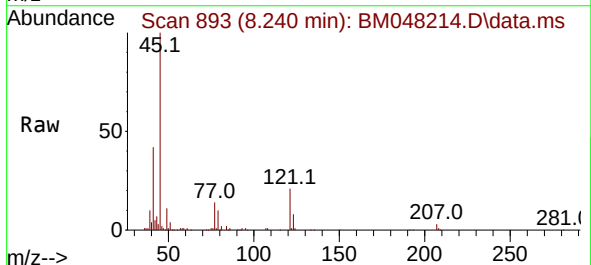
Manual Integrations
APPROVED

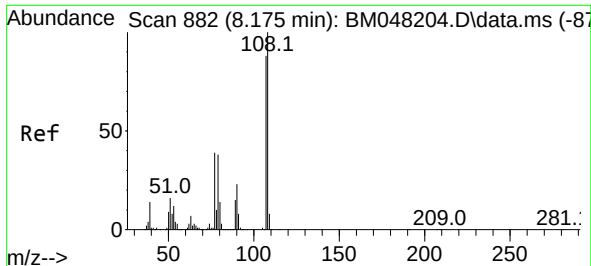
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.854 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.017 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion: 45 Resp: 128811
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.2
79 10.2 0.0 30.7





#17

2-Methylphenol

Concen: 6.680 ng

RT: 8.175 min Scan# 882

Delta R.T. 0.000 min

Lab File: BM048214.D

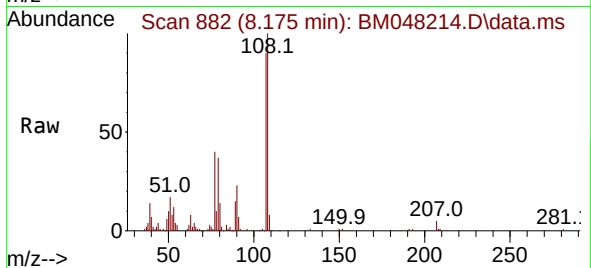
Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:107 Resp: 62484

Ion Ratio Lower Upper

107 100

108 111.7 91.3 136.9

77 45.0 36.2 54.2

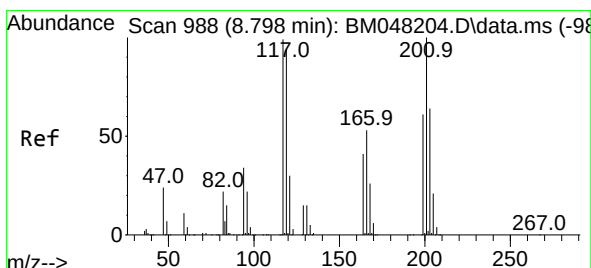
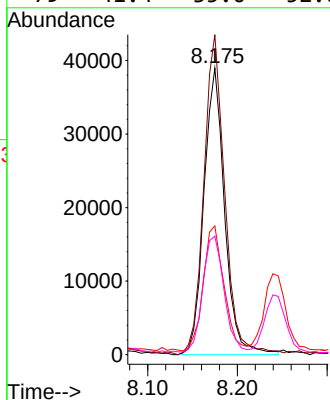
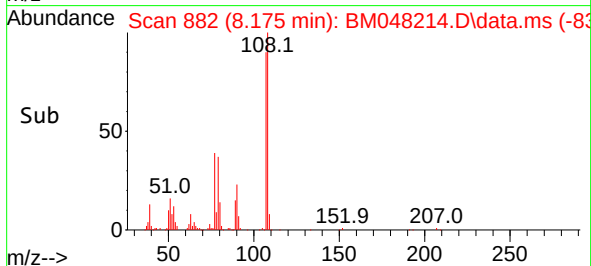
79 41.4 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#18

Hexachloroethane

Concen: 7.172 ng

RT: 8.798 min Scan# 988

Delta R.T. 0.000 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

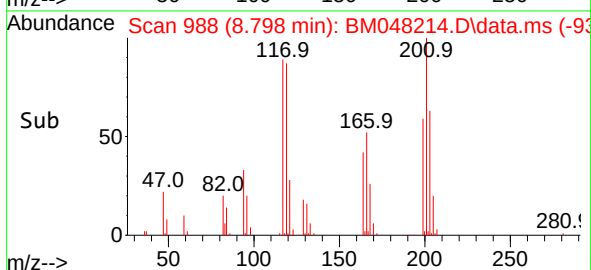
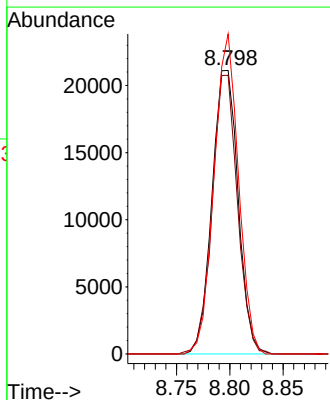
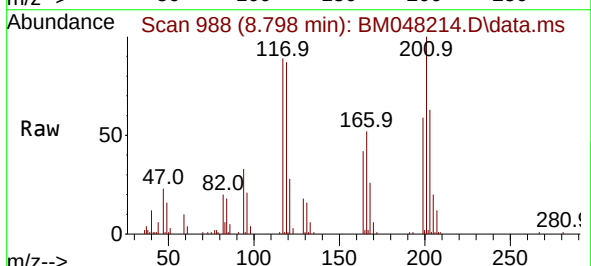
Tgt Ion:117 Resp: 35936

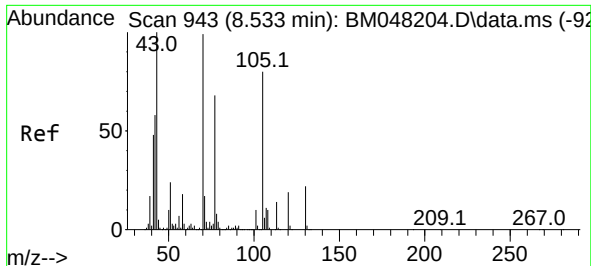
Ion Ratio Lower Upper

117 100

119 98.3 76.5 114.7

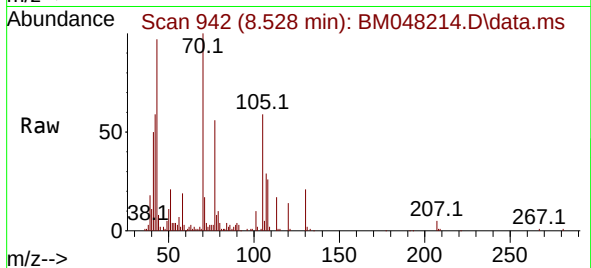
201 112.8 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 7.090 ng
RT: 8.528 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

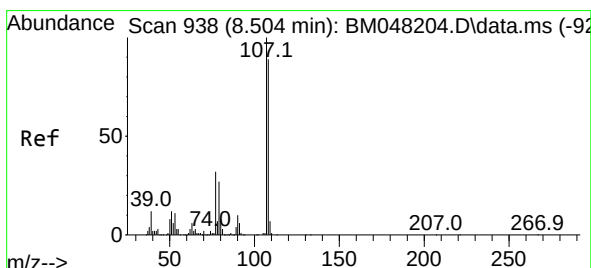
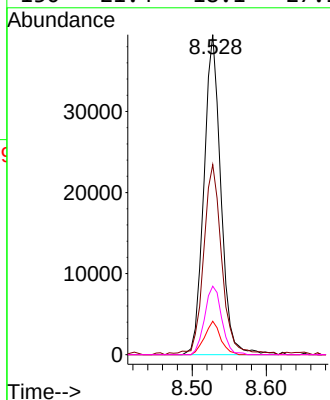
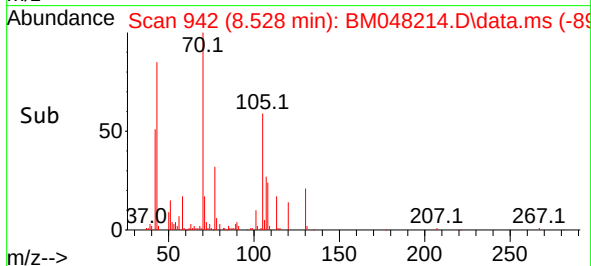
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 70 Resp: 62762
Ion Ratio Lower Upper
70 100
42 59.4 47.0 70.6
101 10.4 7.8 11.6
130 21.4 18.1 27.1

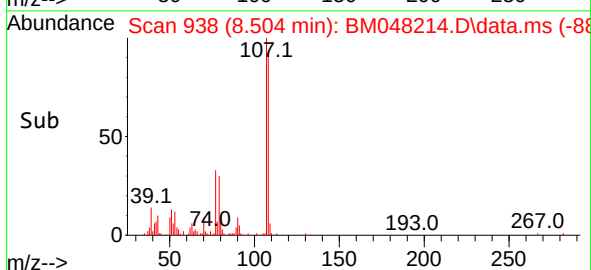
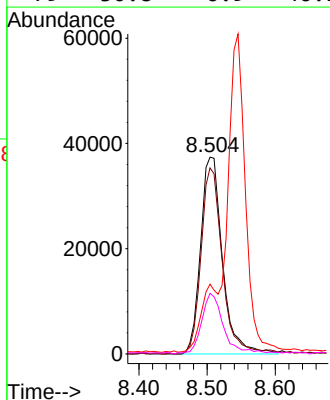
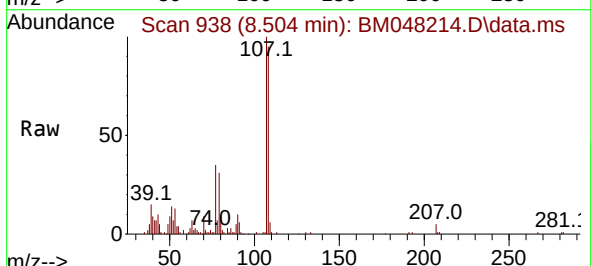
Manual Integrations
APPROVED

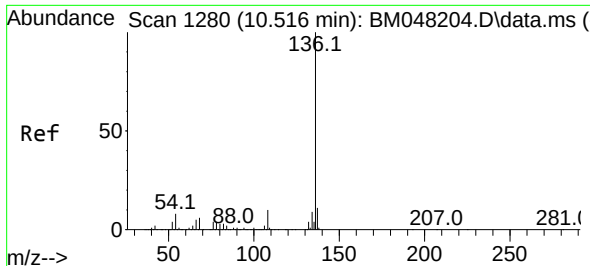
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#20
3+4-Methylphenols
Concen: 6.452 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

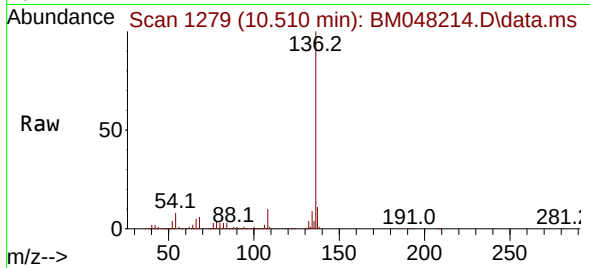
Tgt Ion:107 Resp: 83604
Ion Ratio Lower Upper
107 100
108 94.6 69.0 109.0
77 35.4 12.3 52.3
79 30.8 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

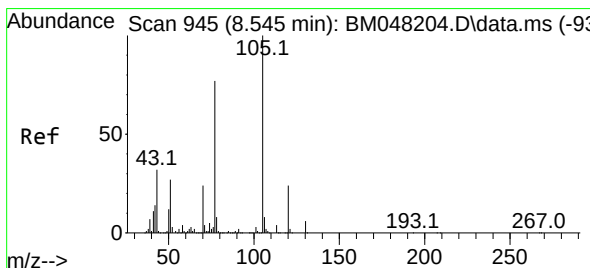
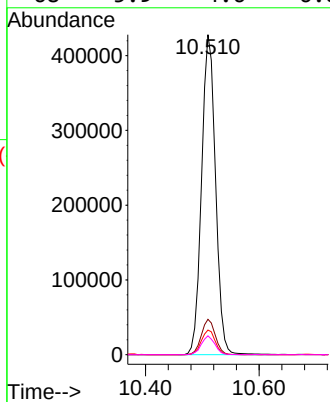
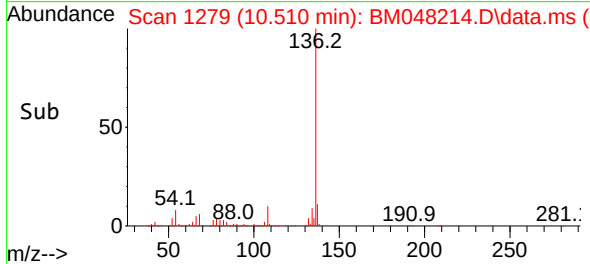
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 72832
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.5 9.7
68 5.9 4.6 6.8

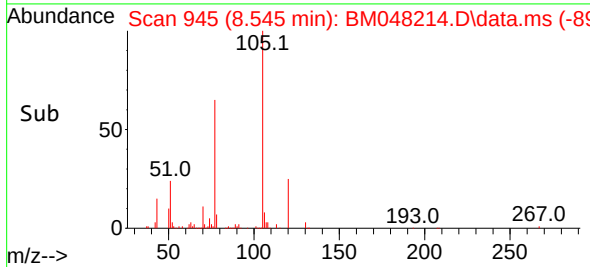
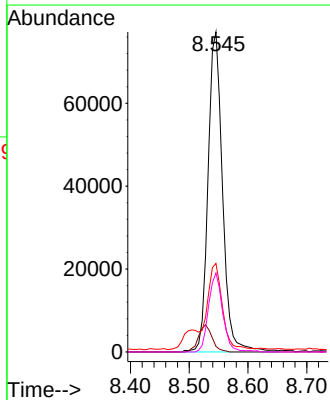
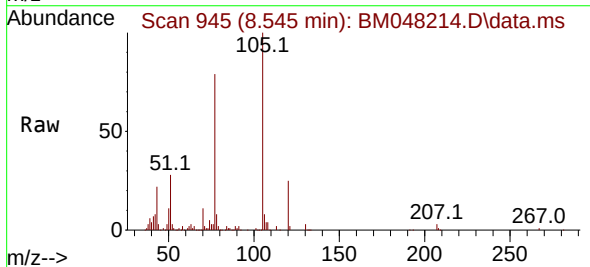
Manual Integrations
APPROVED

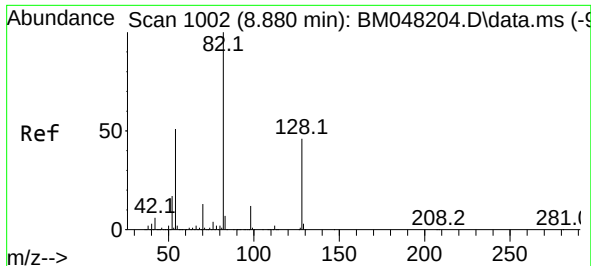
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#22
Acetophenone
Concen: 7.470 ng
RT: 8.545 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

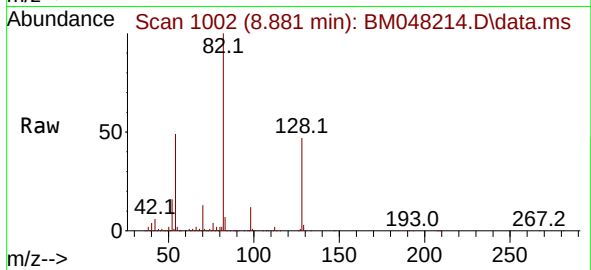
Tgt Ion:105 Resp: 132783
Ion Ratio Lower Upper
105 100
71 1.7 3.4 5.0#
51 27.6 21.7 32.5
120 24.7 19.0 28.4





#23
Nitrobenzene-d5
Concen: 61.615 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

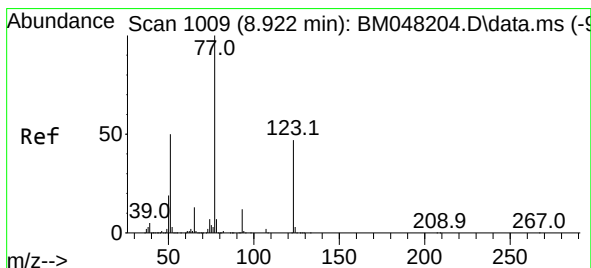
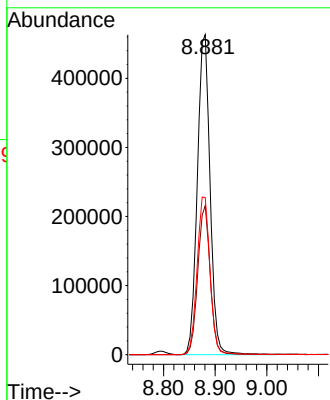
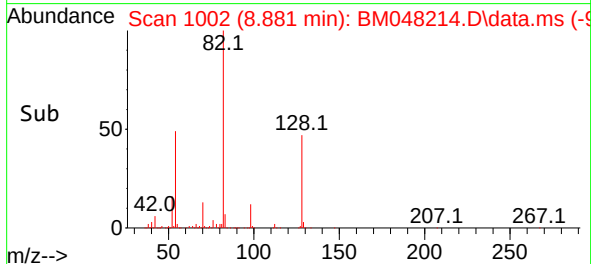
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 794778
Ion Ratio Lower Upper
82 100
128 46.6 36.6 54.8
54 49.2 41.0 61.4

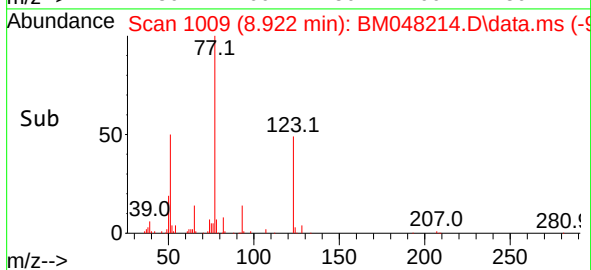
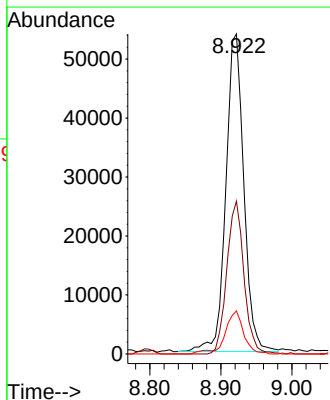
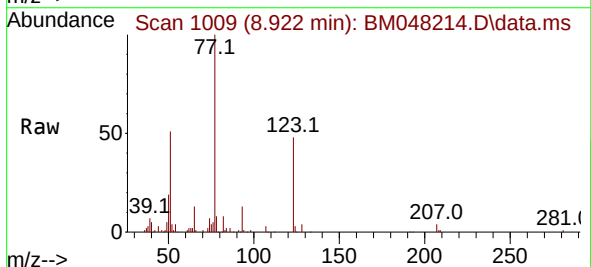
Manual Integrations
APPROVED

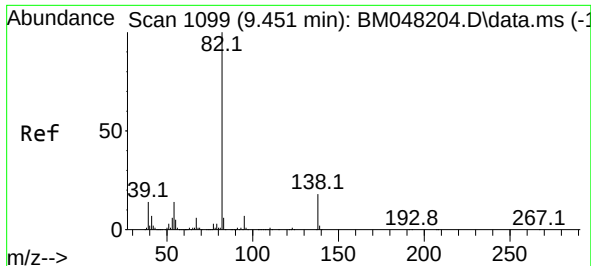
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#24
Nitrobenzene
Concen: 7.076 ng
RT: 8.922 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

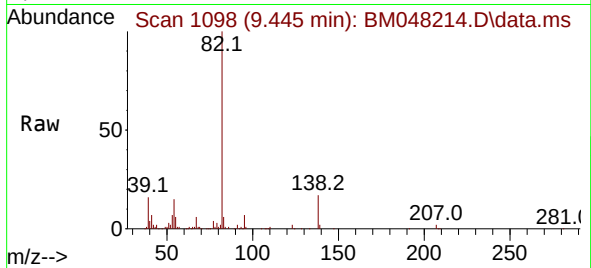
Tgt Ion: 77 Resp: 94572
Ion Ratio Lower Upper
77 100
123 47.7 37.8 56.6
65 13.4 10.4 15.6





#25
Isophorone
Concen: 7.182 ng
RT: 9.445 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

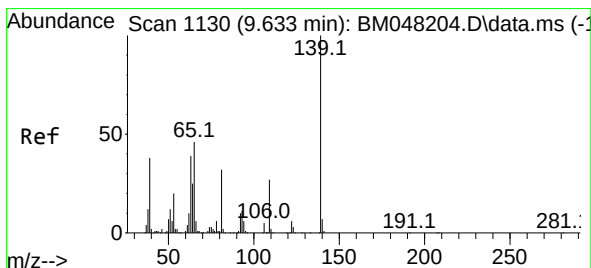
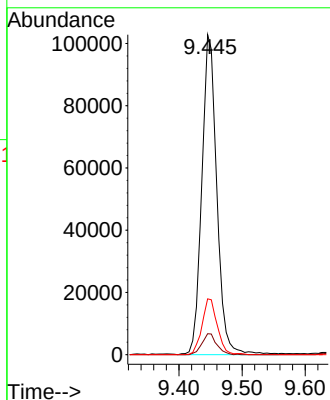
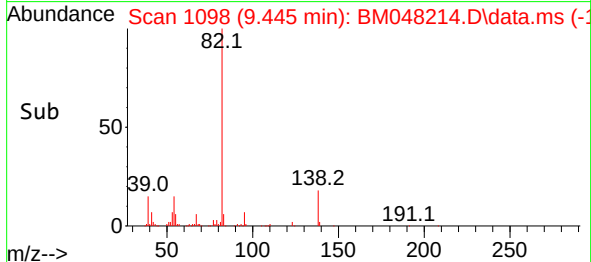
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 169812
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 17.5 14.3 21.5

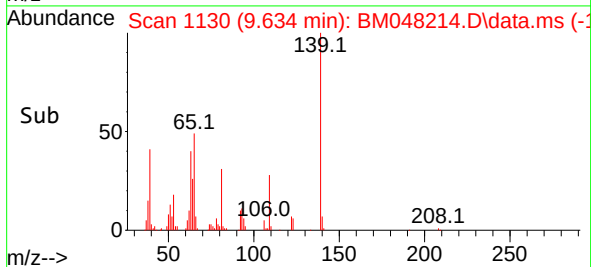
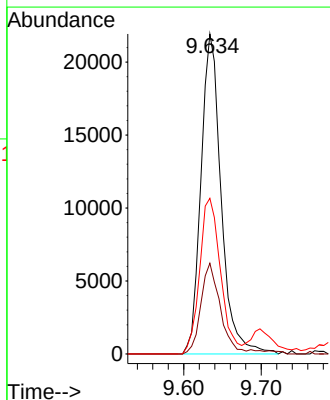
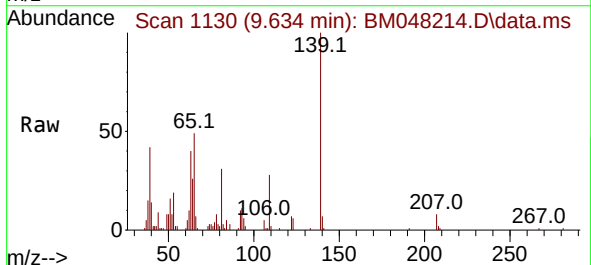
Manual Integrations
APPROVED

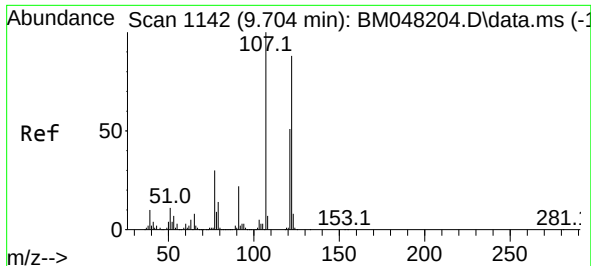
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#26
2-Nitrophenol
Concen: 6.435 ng
RT: 9.634 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion:139 Resp: 39707
Ion Ratio Lower Upper
139 100
109 28.4 21.2 31.8
65 48.7 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 3.746 ng

RT: 9.698 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BM048214.D

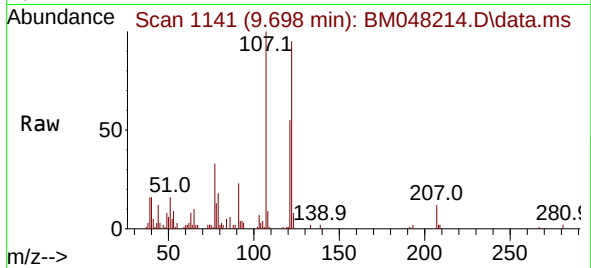
Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



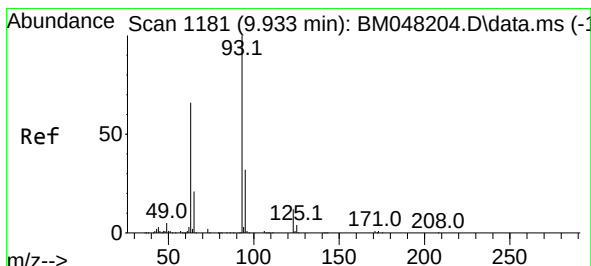
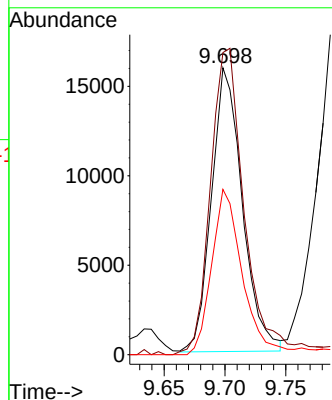
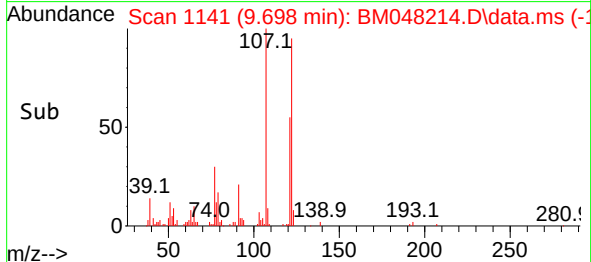
Tgt Ion:	122	Resp:	2804
Ion	Ratio	Lower	Upper
122	100		
107	105.3	91.0	136.6
121	57.6	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#28

bis(2-Chloroethoxy)methane

Concen: 7.106 ng

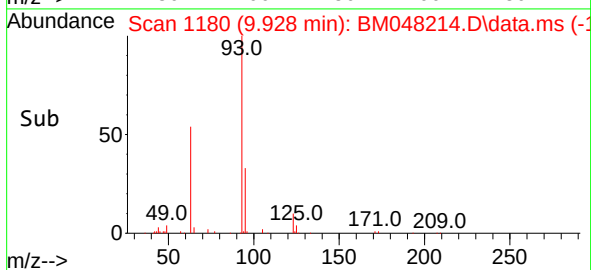
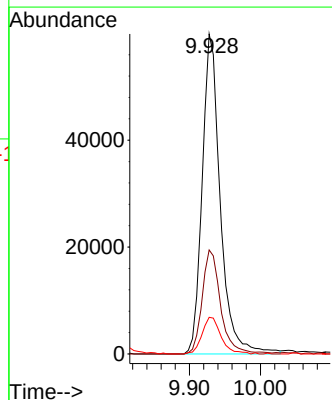
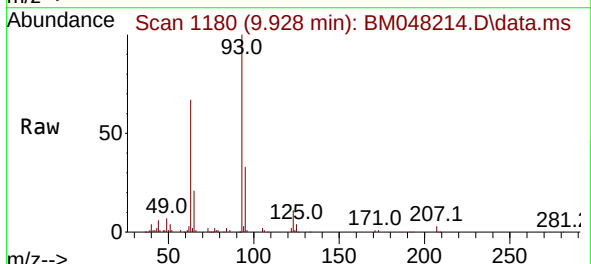
RT: 9.928 min Scan# 1180

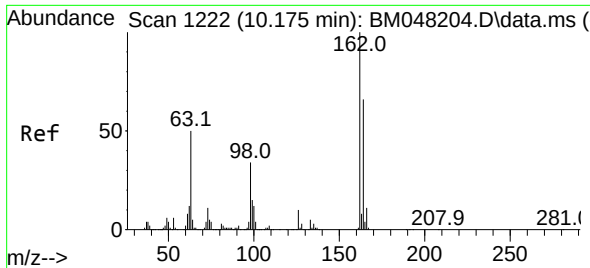
Delta R.T. -0.006 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

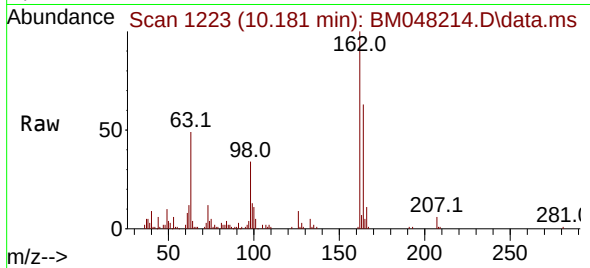
Tgt Ion:	93	Resp:	106325
Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.3	37.9
123	11.5	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 6.794 ng
RT: 10.181 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

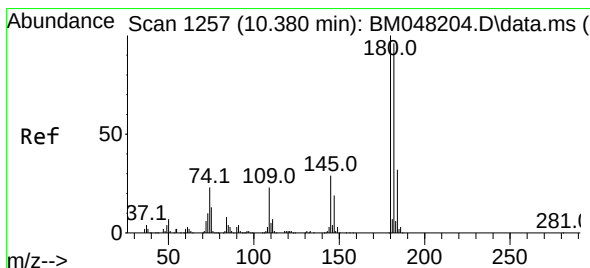
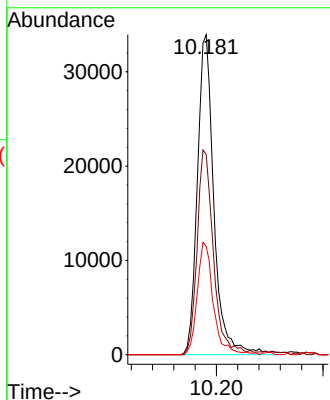
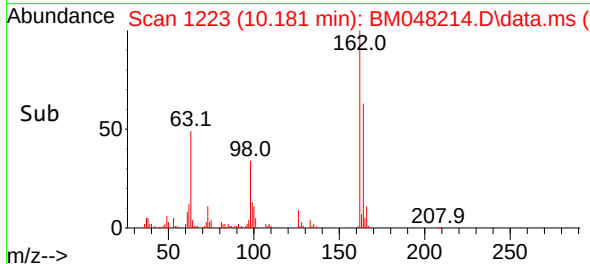
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



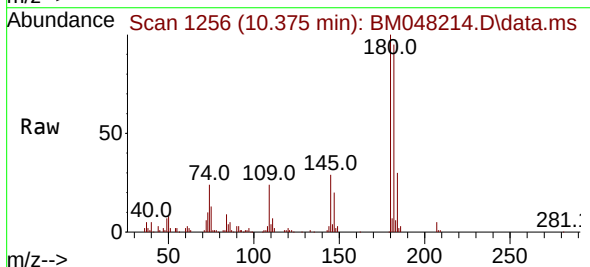
Tgt Ion:162 Resp: 73169
Ion Ratio Lower Upper
162 100
164 62.6 46.0 86.0
98 33.9 14.4 54.4

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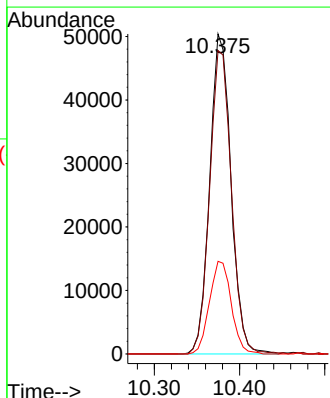
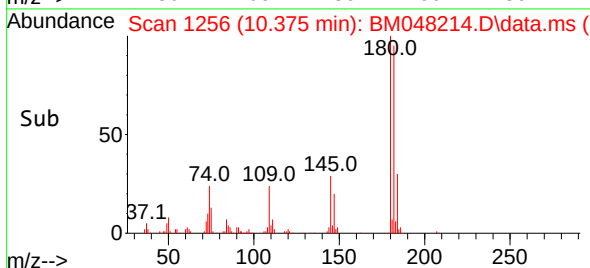
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

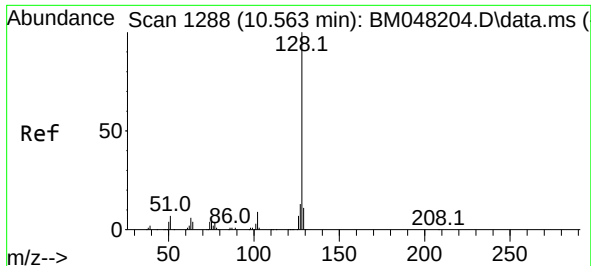


#30
1,2,4-Trichlorobenzene
Concen: 7.083 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09



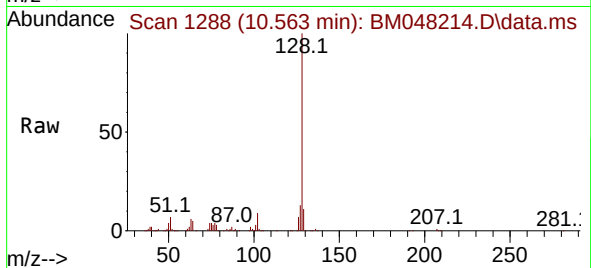
Tgt Ion:180 Resp: 87365
Ion Ratio Lower Upper
180 100
182 94.8 76.6 115.0
145 29.0 23.4 35.2





#31
Naphthalene
Concen: 7.204 ng
RT: 10.563 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

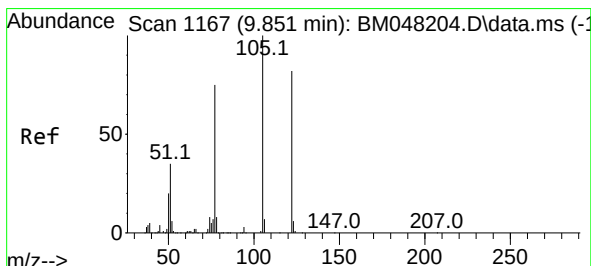
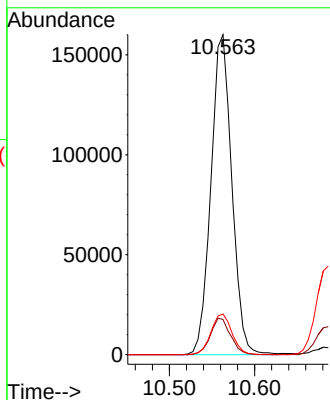
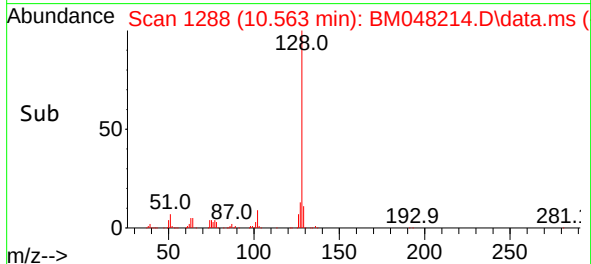
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 273669
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.2 15.2

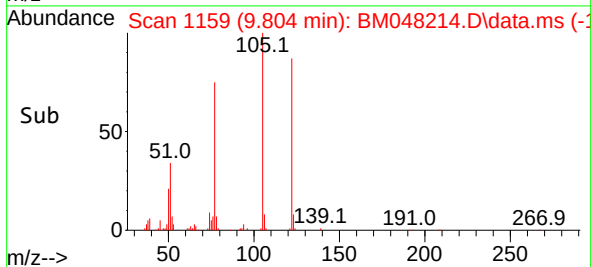
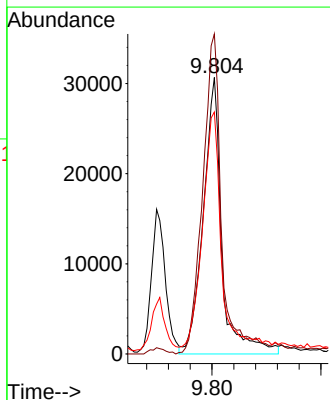
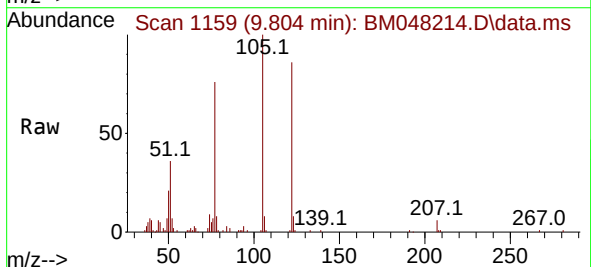
Manual Integrations
APPROVED

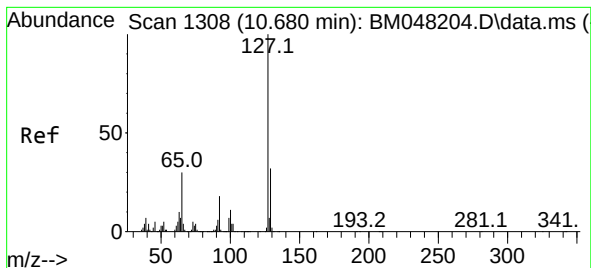
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#32
Benzoic acid
Concen: 8.713 ng m
RT: 9.804 min Scan# 1159
Delta R.T. -0.047 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

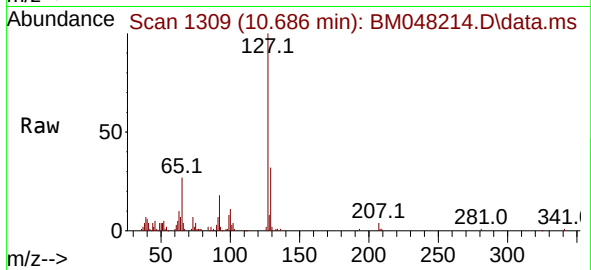
Tgt Ion:122 Resp: 72614
Ion Ratio Lower Upper
122 100
105 115.7 99.3 139.3
77 87.5 70.4 110.4





#33
4-Chloroaniline
Concen: 7.442 ng
RT: 10.686 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

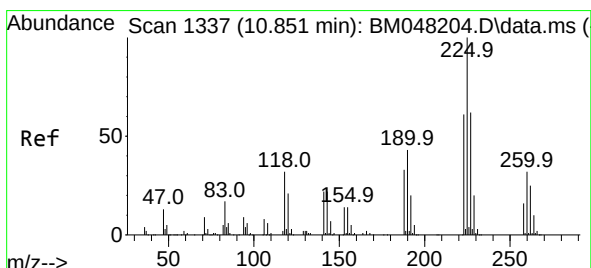
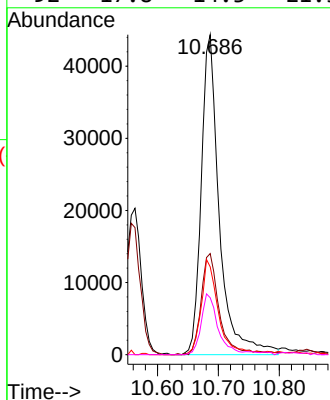
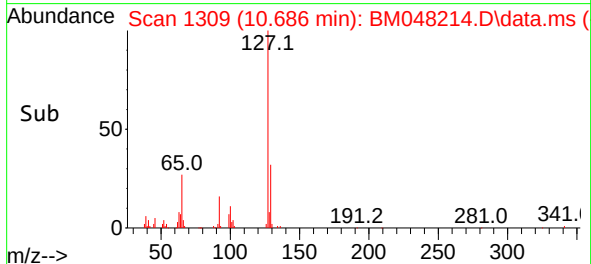
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:127 Resp: 91680
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.6
65 27.5 23.7 35.5
92 17.8 14.3 21.5

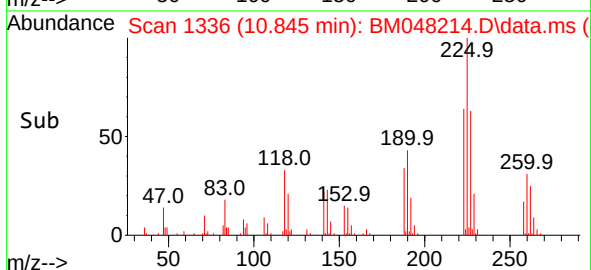
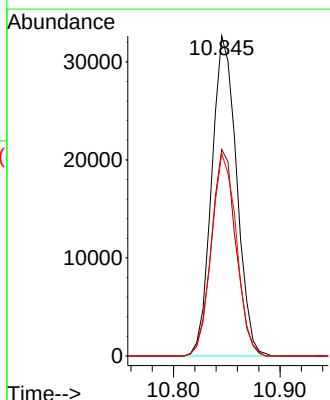
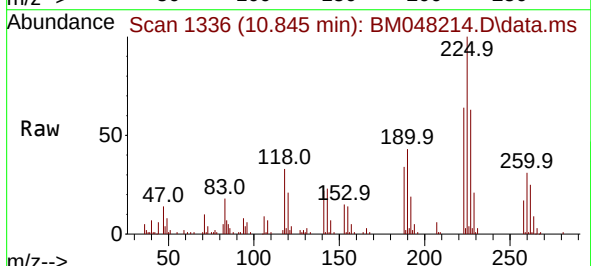
Manual Integrations
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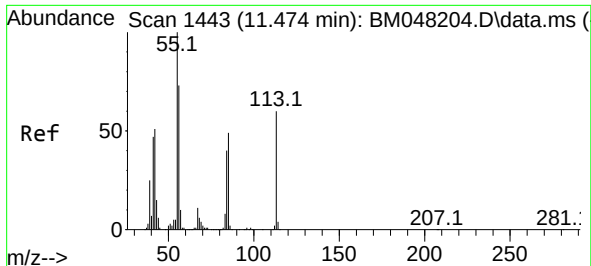
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#34
Hexachlorobutadiene
Concen: 6.924 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

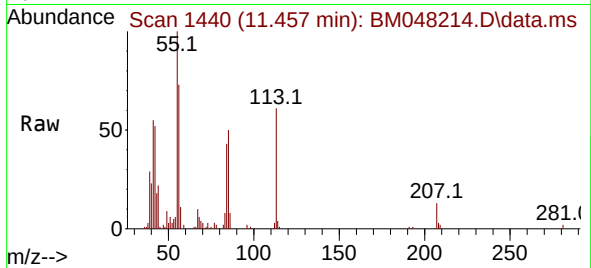
Tgt Ion:225 Resp: 52937
Ion Ratio Lower Upper
225 100
223 64.5 48.6 73.0
227 63.2 49.6 74.4





#35
Caprolactam
Concen: 6.403 ng m
RT: 11.457 min Scan# 1443
Delta R.T. -0.017 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

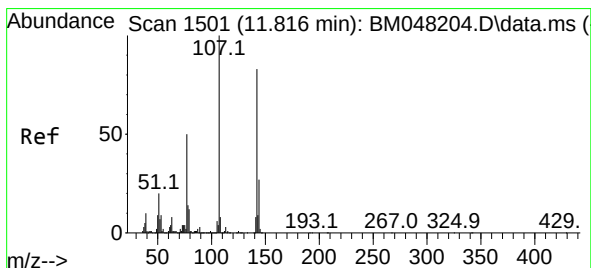
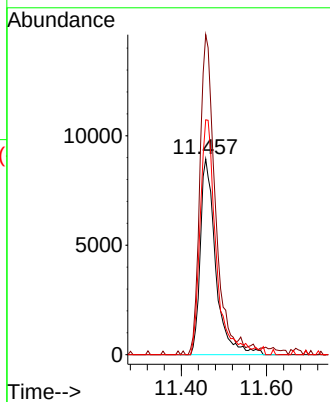
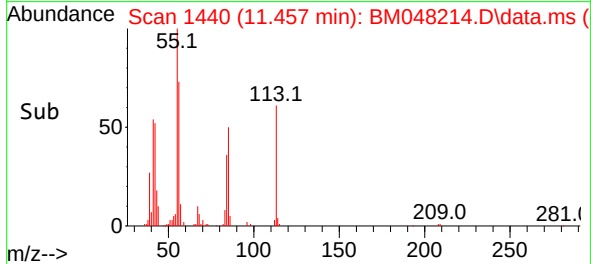
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:113 Resp: 2240
Ion Ratio Lower Upper
113 100
55 163.5 146.1 186.1
56 120.0 101.9 141.9

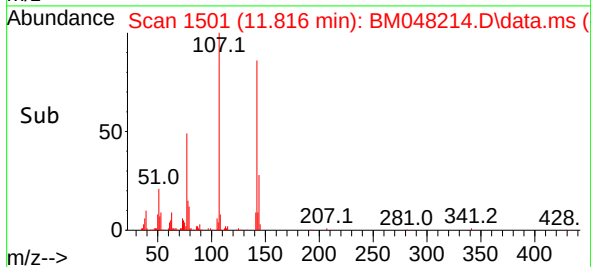
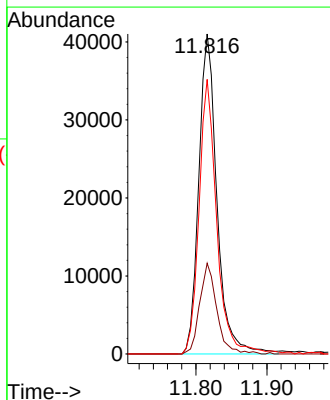
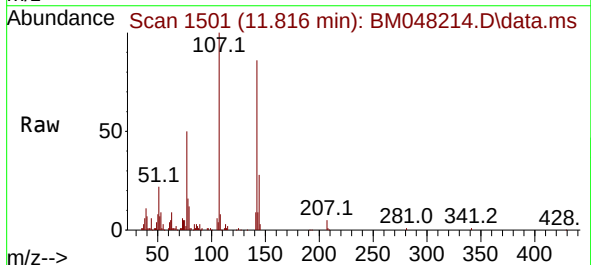
Manual Integrations
APPROVED

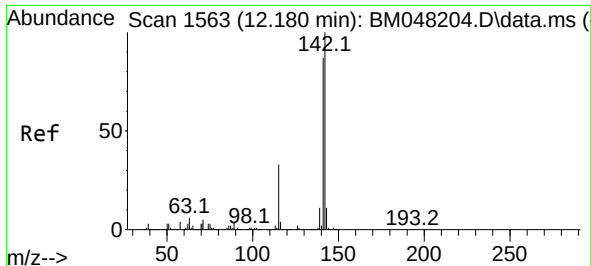
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#36
4-Chloro-3-methylphenol
Concen: 6.509 ng
RT: 11.816 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion:107 Resp: 73184
Ion Ratio Lower Upper
107 100
144 28.4 21.5 32.3
142 85.8 66.8 100.2





#37

2-Methylnaphthalene

Concen: 7.070 ng

RT: 12.180 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048214.D

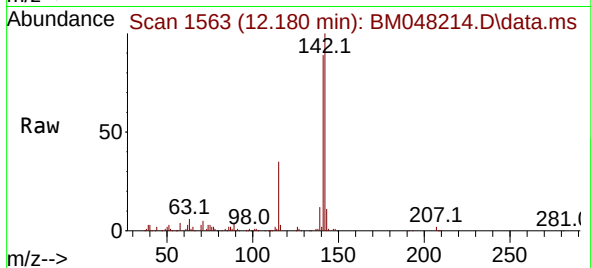
Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:142 Resp: 179428

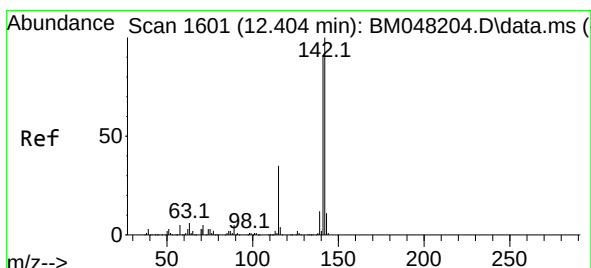
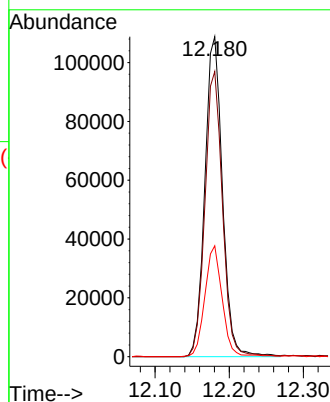
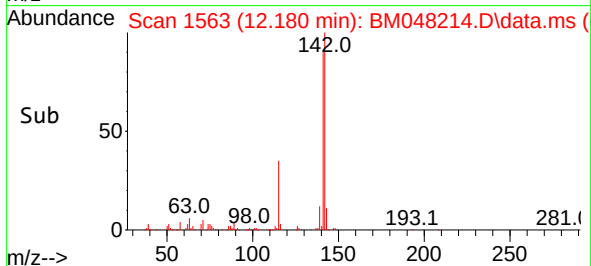
Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6
115	34.6	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#38

1-Methylnaphthalene

Concen: 6.768 ng

RT: 12.398 min Scan# 1600

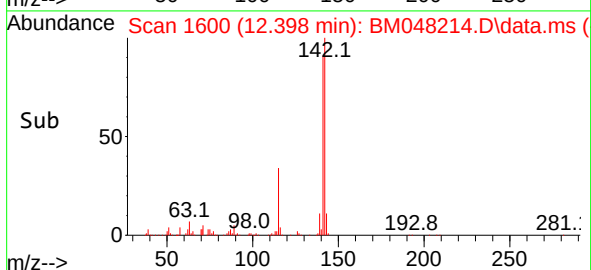
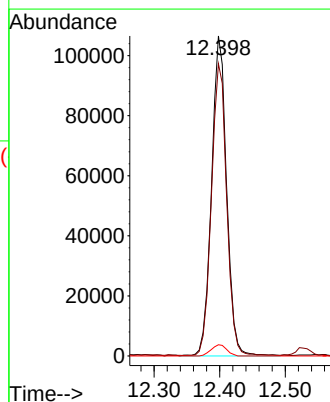
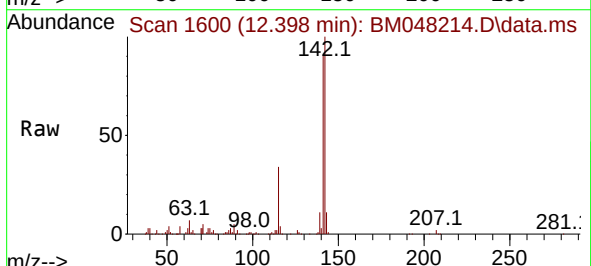
Delta R.T. -0.006 min

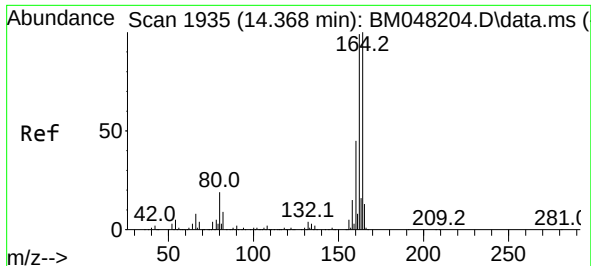
Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Tgt Ion:142 Resp: 170328

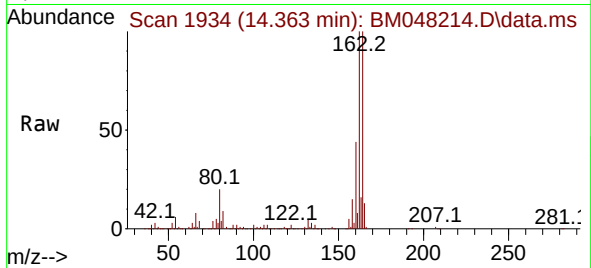
Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.7	109.1
116	3.5	2.9	4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

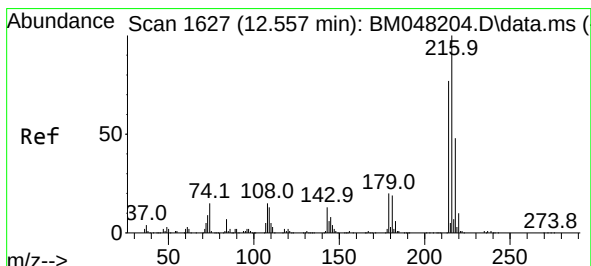
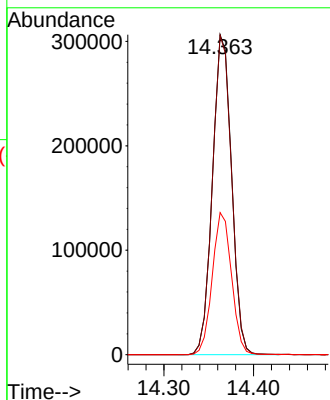
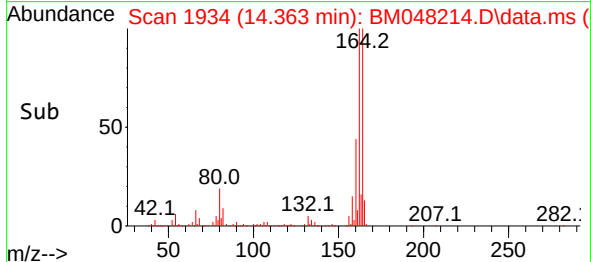
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:164 Resp: 45326
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 44.4 35.8 53.8

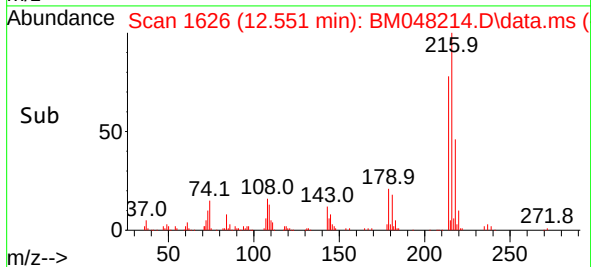
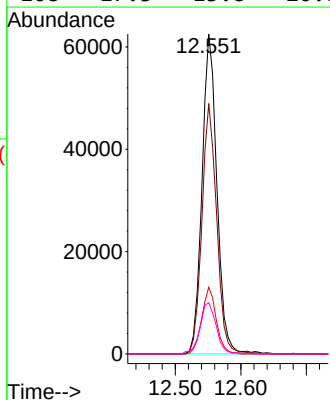
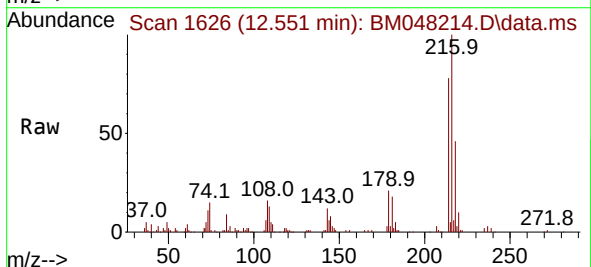
Manual Integrations
APPROVED

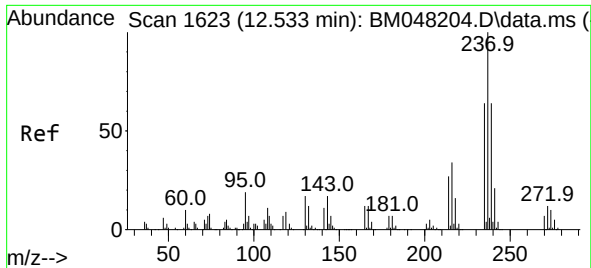
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.643 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

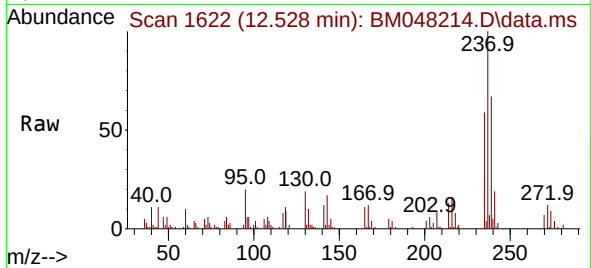
Tgt Ion:216 Resp: 99016
Ion Ratio Lower Upper
216 100
214 77.4 62.2 93.2
179 20.3 16.0 24.0
108 17.3 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 7.262 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

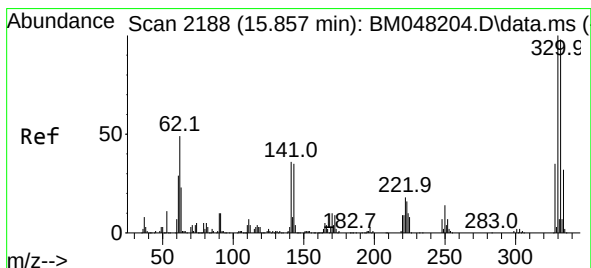
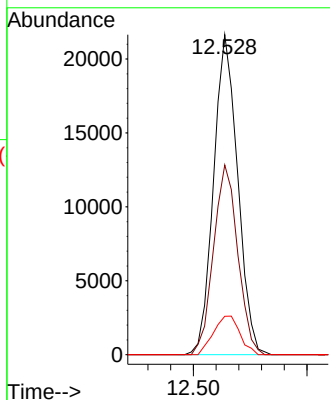
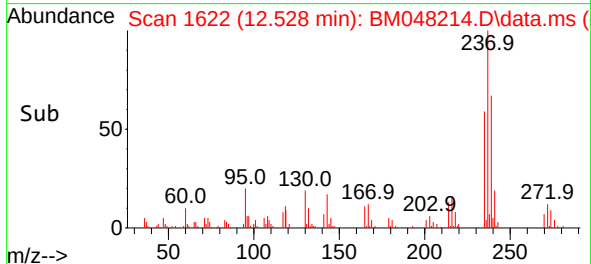
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



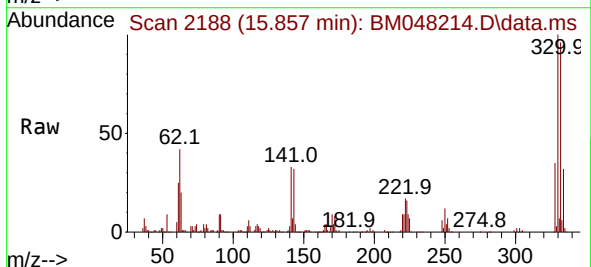
Tgt Ion:237 Resp: 3183
Ion Ratio Lower Upper
237 100
235 59.3 44.2 84.2
272 12.0 0.0 32.4

Manual Integrations
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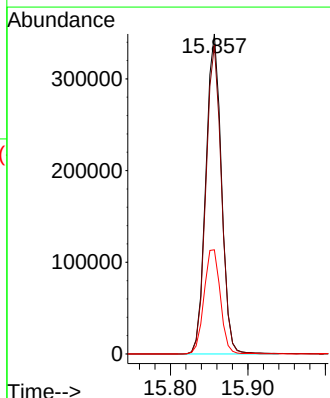
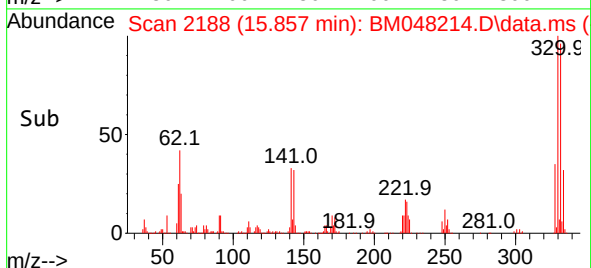
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

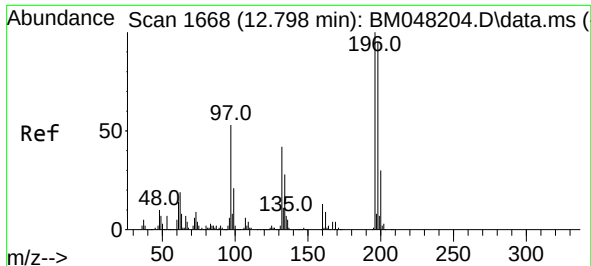


#42
2,4,6-Tribromophenol
Concen: 87.862 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09



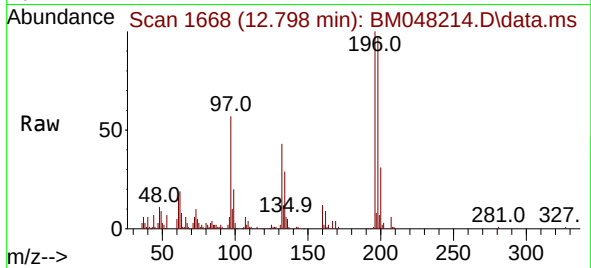
Tgt Ion:330 Resp: 487461
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 34.1 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 6.751 ng
RT: 12.798 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

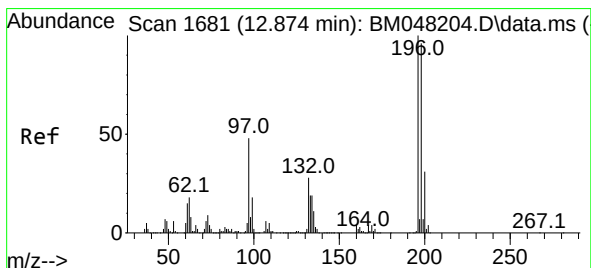
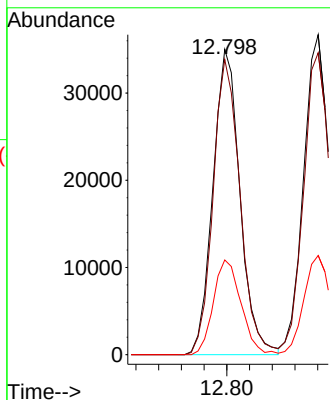
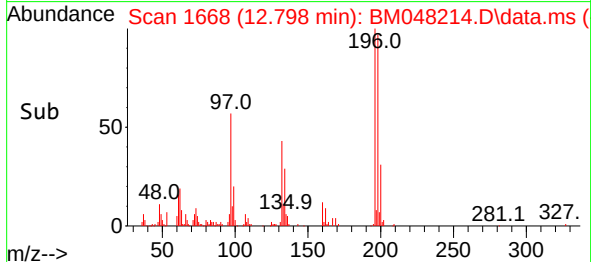
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



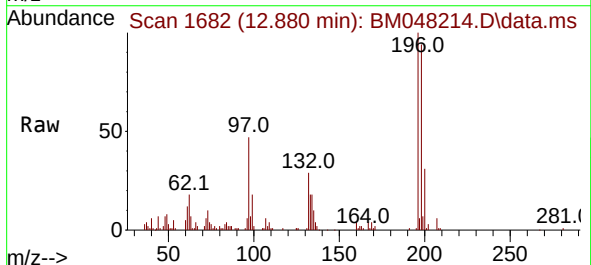
Tgt Ion:196 Resp: 5804
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.2
200 31.0 24.2 36.2

Manual Integrations
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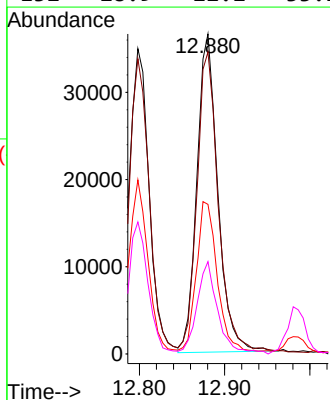
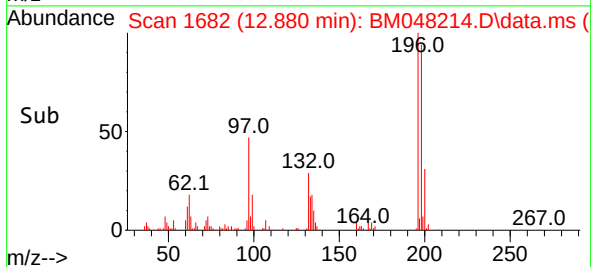
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

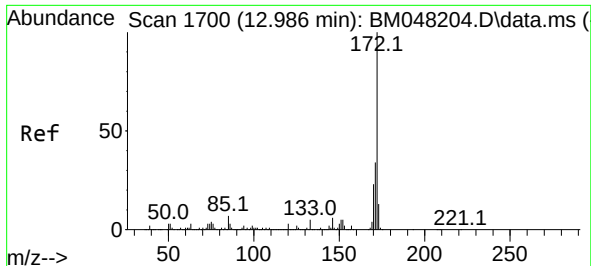


#44
2,4,5-Trichlorophenol
Concen: 6.504 ng
RT: 12.880 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09



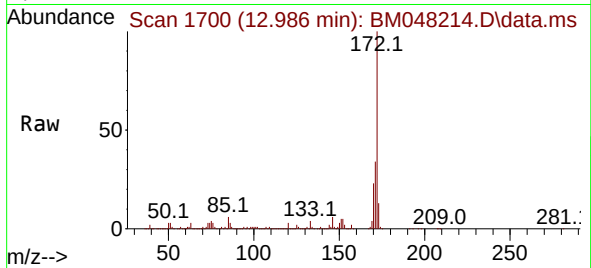
Tgt Ion:196 Resp: 62352
Ion Ratio Lower Upper
196 100
198 94.4 76.7 115.1
97 46.8 38.5 57.7
132 28.9 22.2 33.2





#45
2-Fluorobiphenyl
Concen: 62.544 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

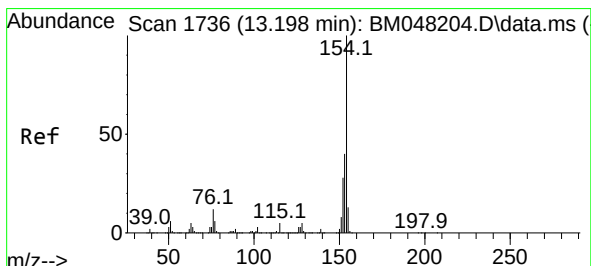
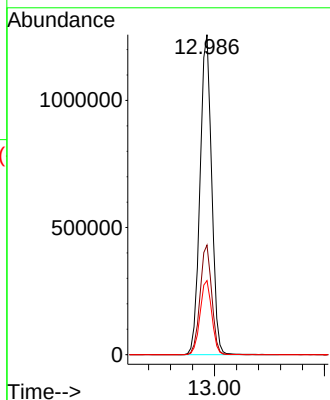
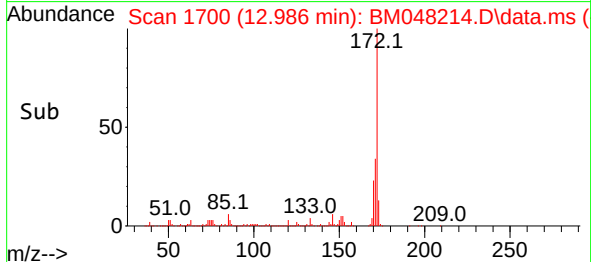
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:172 Resp: 1847449
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.1 18.5 27.7

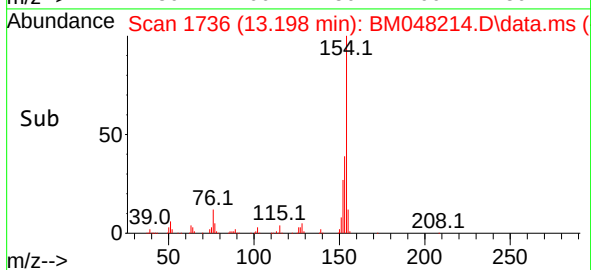
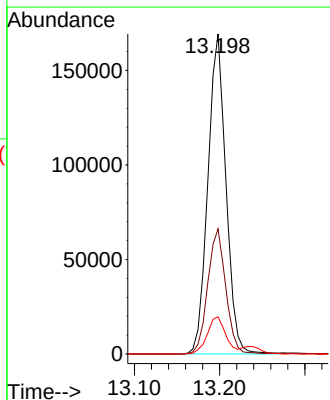
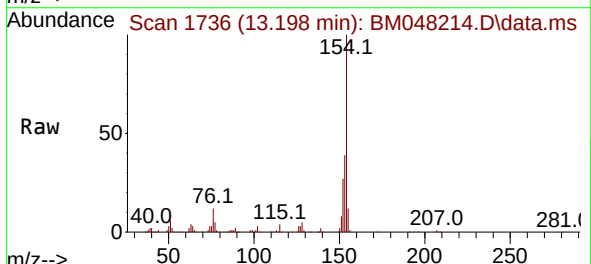
Manual Integrations
APPROVED

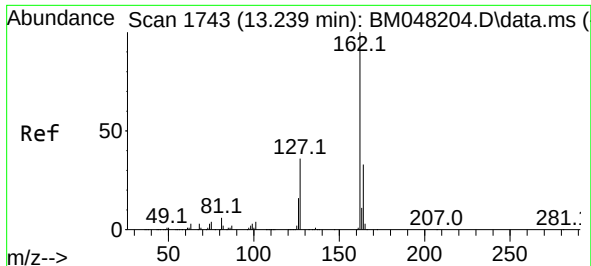
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#46
1,1'-Biphenyl
Concen: 7.712 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

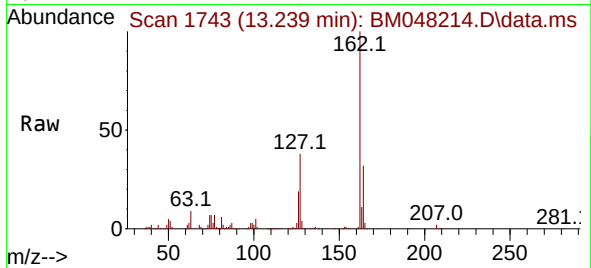
Tgt Ion:154 Resp: 249569
Ion Ratio Lower Upper
154 100
153 39.1 19.9 59.9
76 11.6 0.0 32.4





#47
2-Chloronaphthalene
Concen: 7.266 ng
RT: 13.239 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

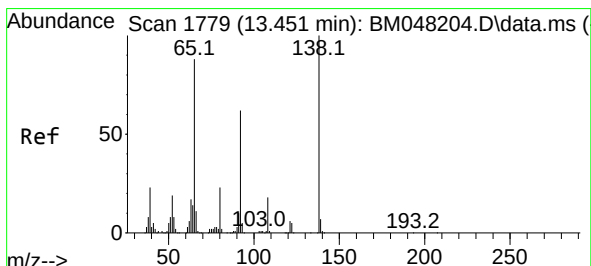
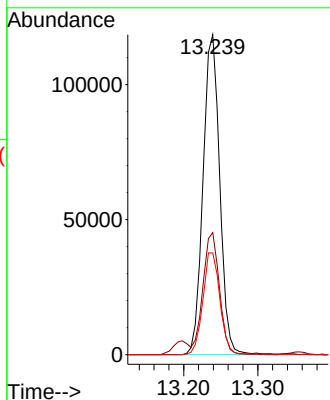
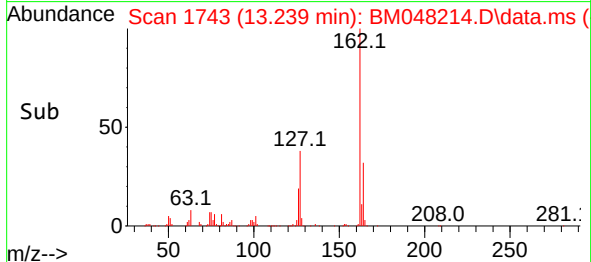
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:162 Resp: 18539
Ion Ratio Lower Upper
162 100
127 38.1 31.0 46.6
164 31.8 26.2 39.4

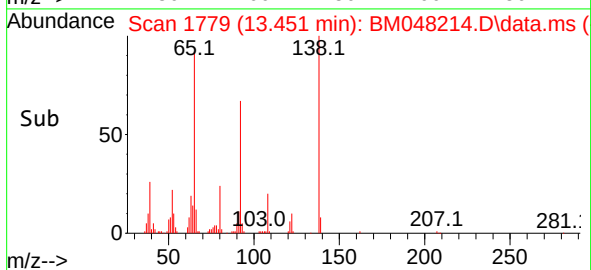
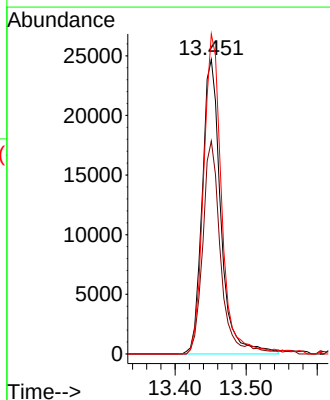
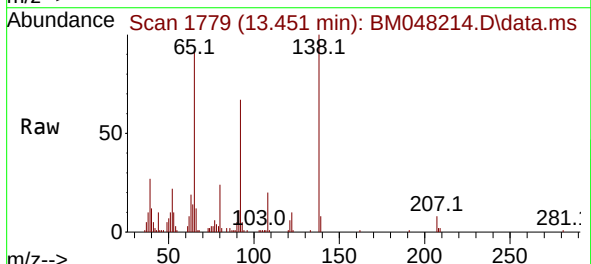
Manual Integrations
APPROVED

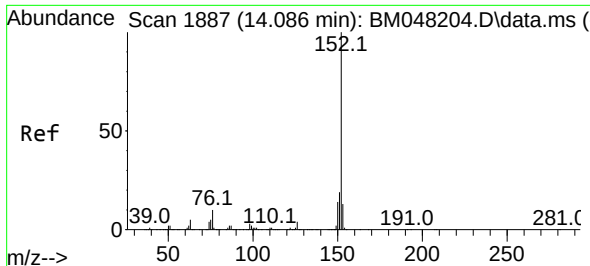
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#48
2-Nitroaniline
Concen: 6.483 ng
RT: 13.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

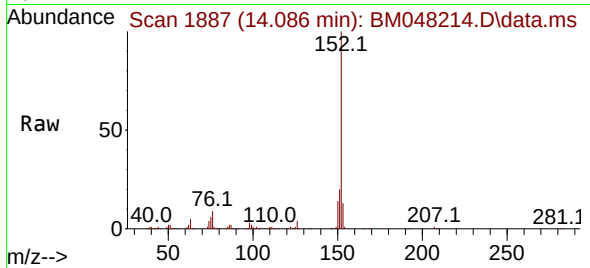
Tgt Ion: 65 Resp: 44865
Ion Ratio Lower Upper
65 100
92 72.4 56.0 84.0
138 108.7 90.8 136.2





#49
Acenaphthylene
Concen: 7.776 ng
RT: 14.086 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

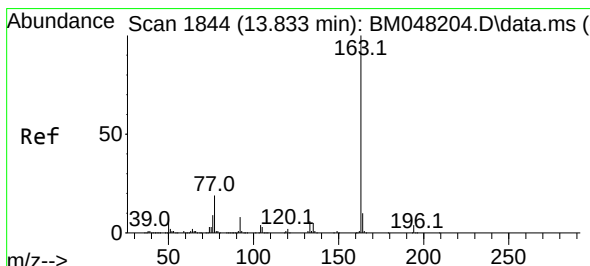
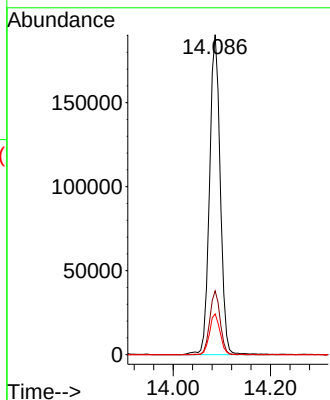
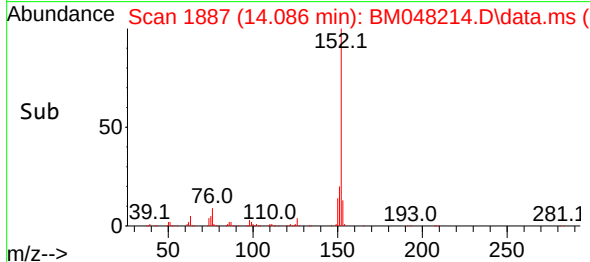
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



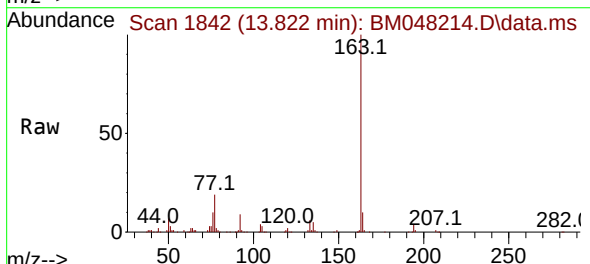
Tgt Ion:152 Resp: 289480
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 12.7 10.5 15.7

Manual Integrations
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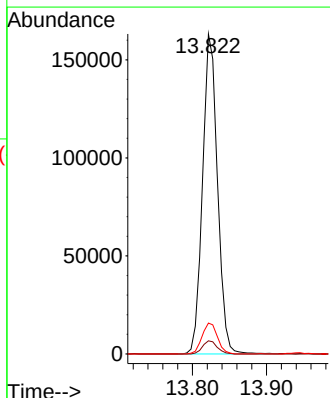
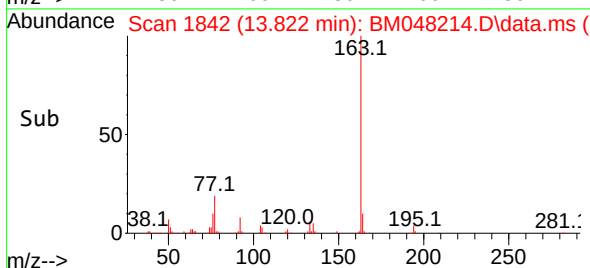
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

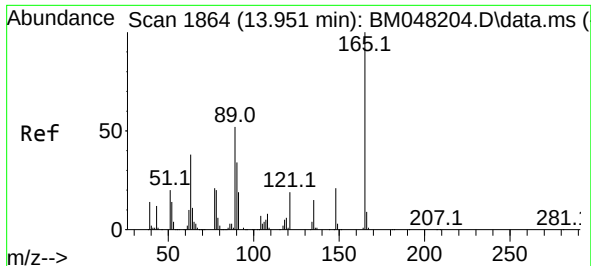


#50
Dimethylphthalate
Concen: 7.394 ng
RT: 13.822 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09



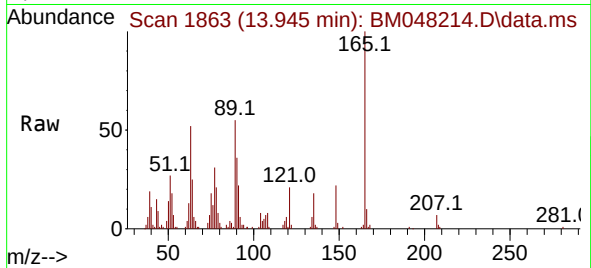
Tgt Ion:163 Resp: 228783
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.6 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 6.333 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

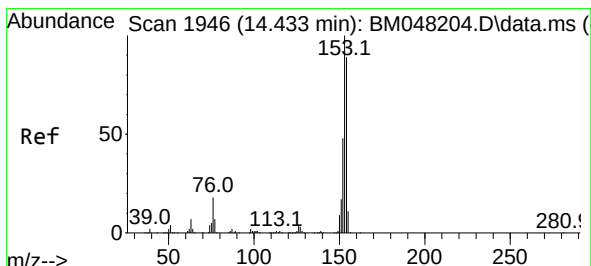
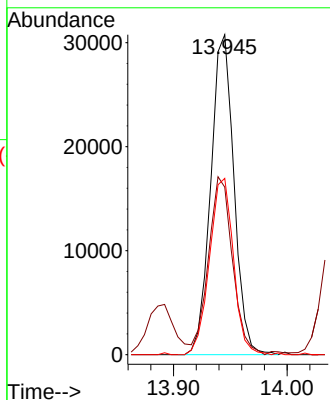
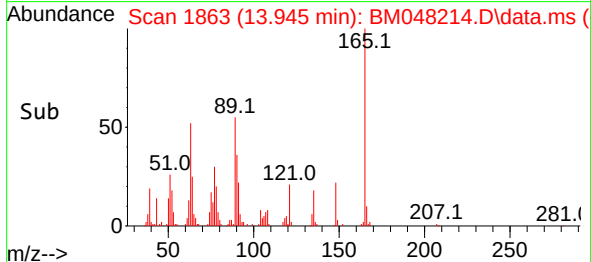
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 43729
Ion Ratio Lower Upper
165 100
63 52.3 39.5 59.3
89 55.1 41.8 62.6

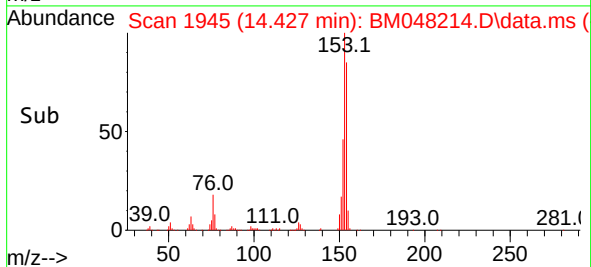
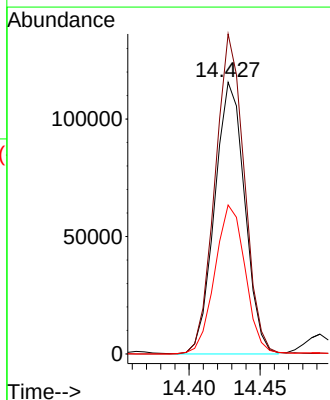
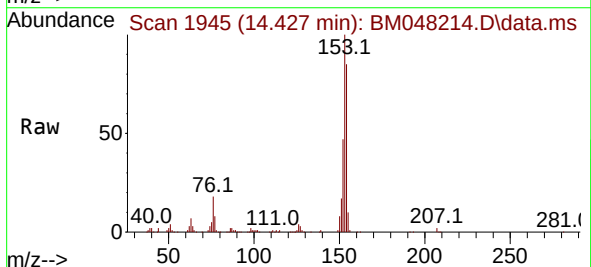
Manual Integrations
APPROVED

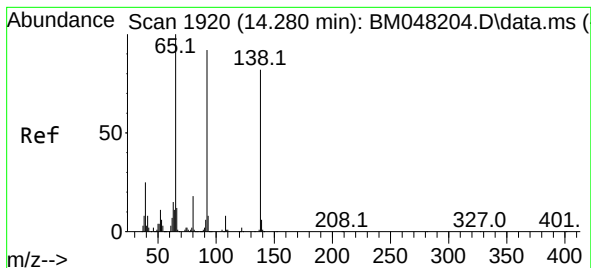
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#52
Acenaphthene
Concen: 7.223 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion:154 Resp: 170842
Ion Ratio Lower Upper
154 100
153 117.8 90.4 135.6
152 54.8 43.6 65.4





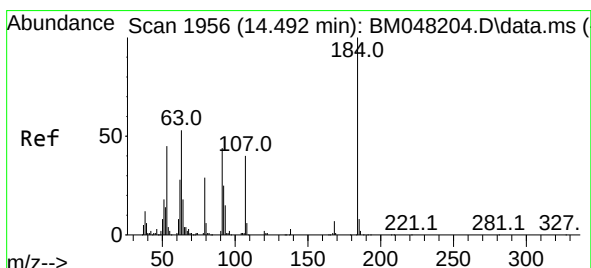
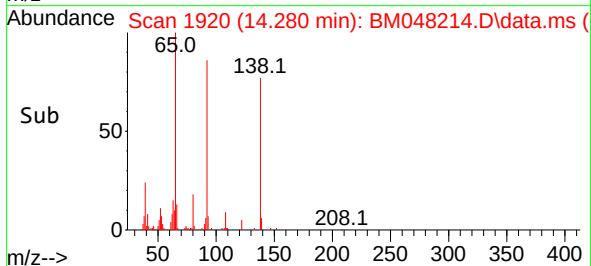
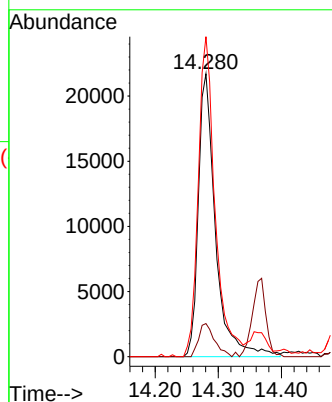
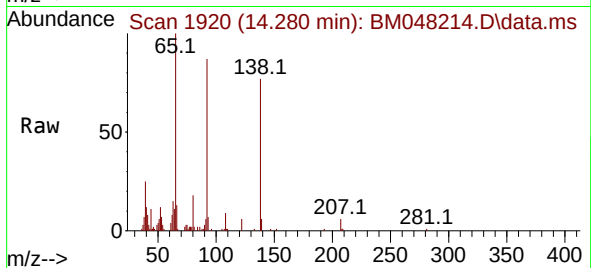
#53
3-Nitroaniline
Concen: 6.299 ng
RT: 14.280 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:138 Resp: 4101
Ion Ratio Lower Upper
138 100
108 11.7 7.5 11.3
92 113.1 89.7 134.5

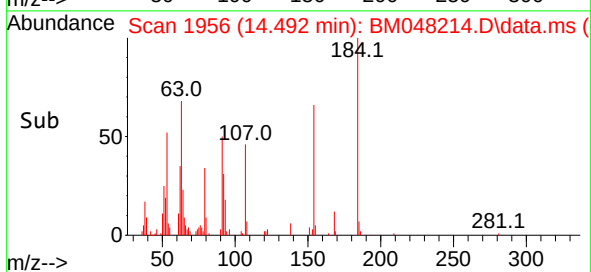
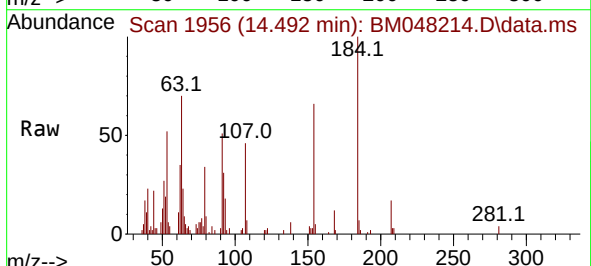
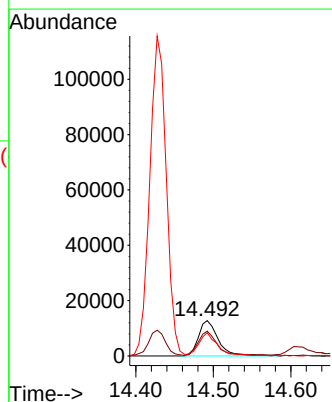
Manual Integrations
APPROVED

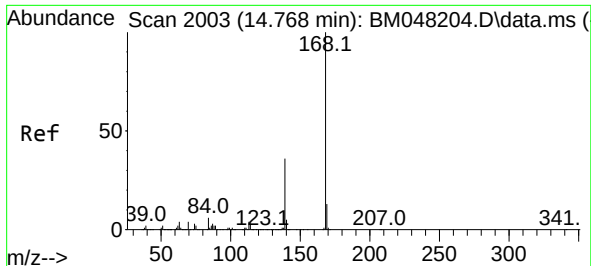
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#54
2,4-Dinitrophenol
Concen: 5.585 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

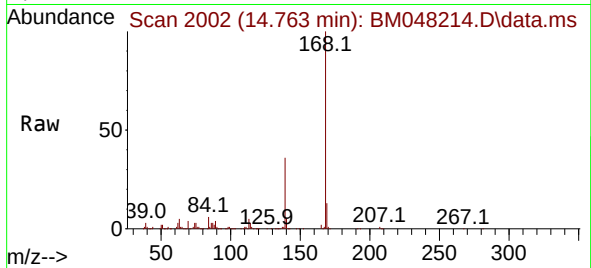
Tgt Ion:184 Resp: 22531
Ion Ratio Lower Upper
184 100
63 70.2 47.2 70.8
154 66.1 46.0 69.0





#55
Dibenzenofuran
Concen: 7.539 ng
RT: 14.763 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

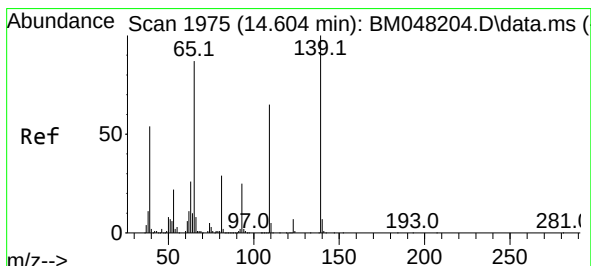
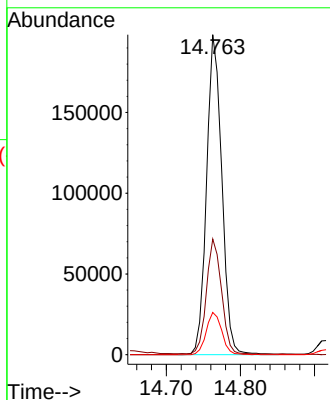
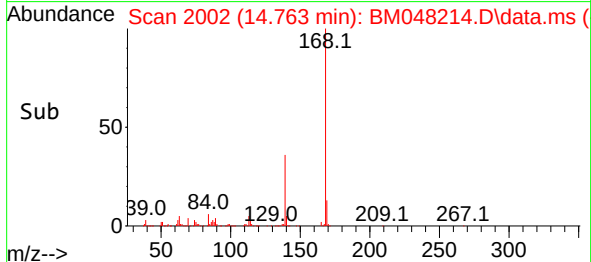
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 283334
Ion Ratio Lower Upper
168 100
139 36.1 29.0 43.6
169 13.2 10.4 15.6

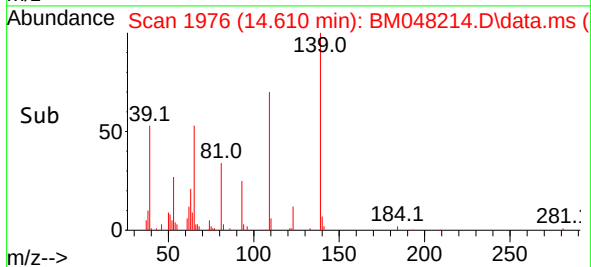
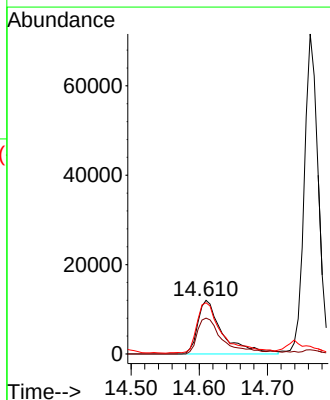
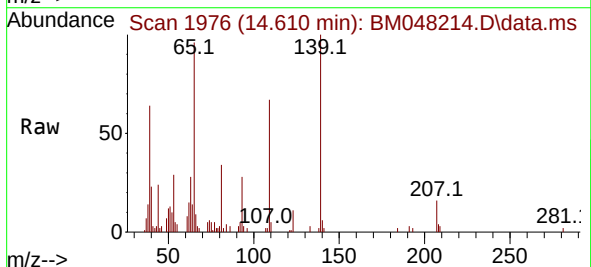
Manual Integrations
APPROVED

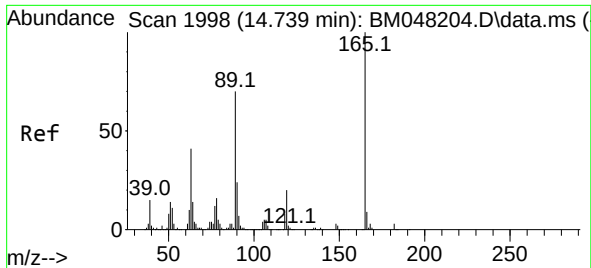
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#56
4-Nitrophenol
Concen: 5.221 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

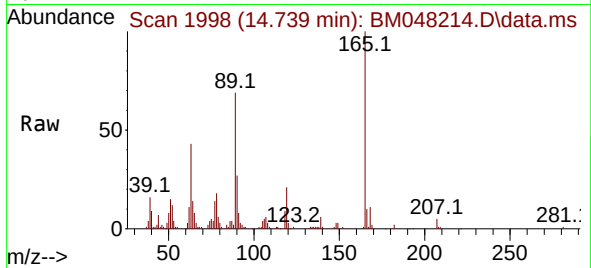
Tgt Ion:139 Resp: 30341
Ion Ratio Lower Upper
139 100
109 66.9 45.4 85.4
65 95.6 67.3 107.3





#57
2,4-Dinitrotoluene
Concen: 6.254 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

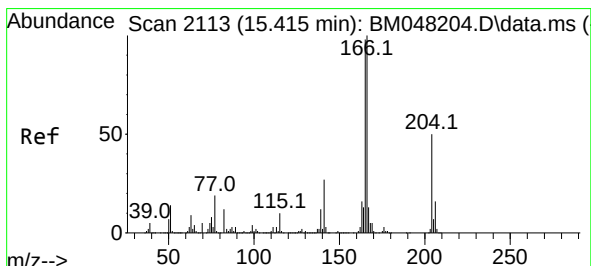
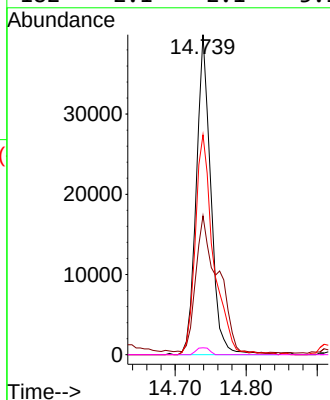
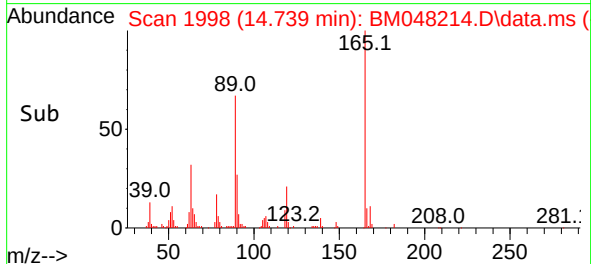
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 5702
Ion Ratio Lower Upper
165 100
63 43.4 33.0 49.4
89 68.7 55.8 83.6
182 2.1 2.1 3.1

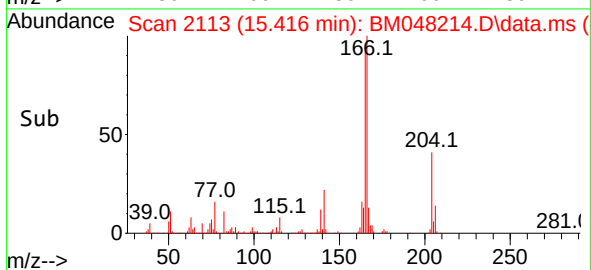
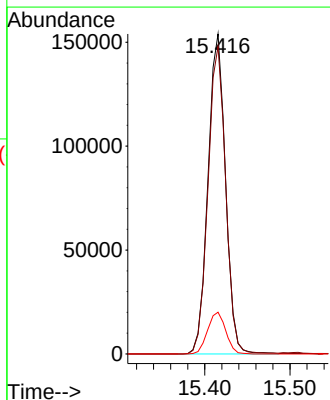
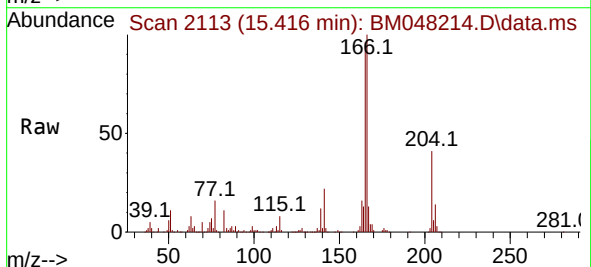
Manual Integrations
APPROVED

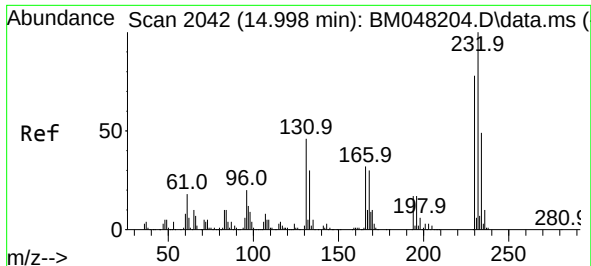
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#58
Fluorene
Concen: 7.396 ng
RT: 15.416 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

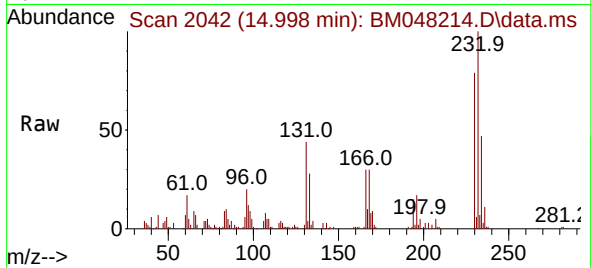
Tgt Ion:166 Resp: 219772
Ion Ratio Lower Upper
166 100
165 96.1 78.4 117.6
167 13.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.363 ng
RT: 14.998 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

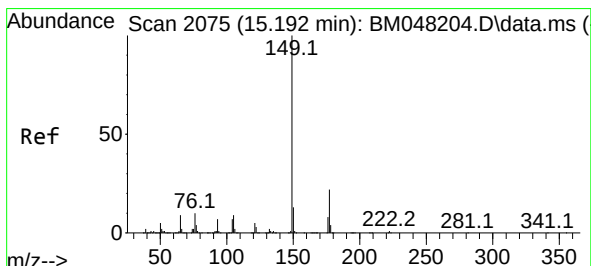
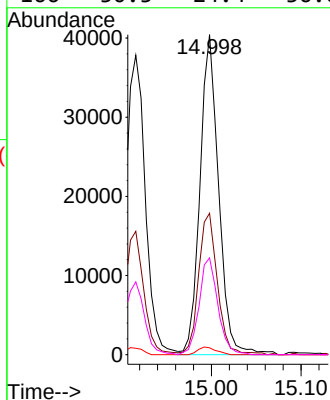
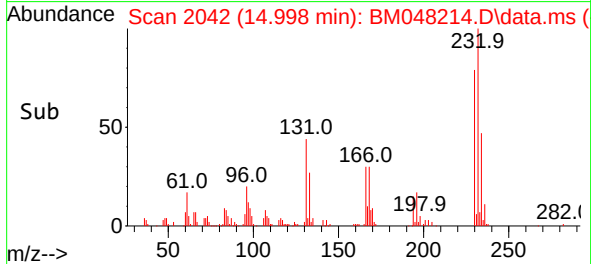
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:232 Resp: 5851
Ion Ratio Lower Upper
232 100
131 44.6 35.5 53.3
130 2.3 1.8 2.6
166 30.3 24.4 36.6

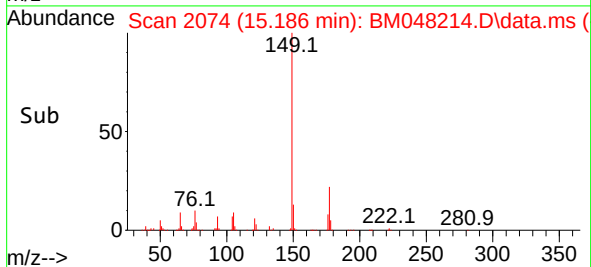
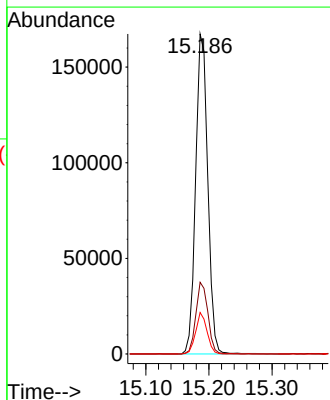
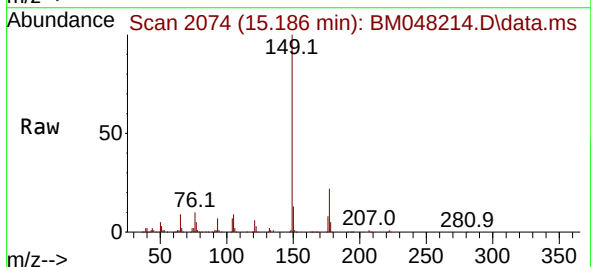
Manual Integrations
APPROVED

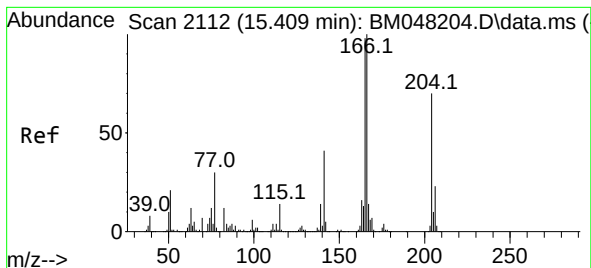
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#60
Diethylphthalate
Concen: 7.110 ng
RT: 15.186 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

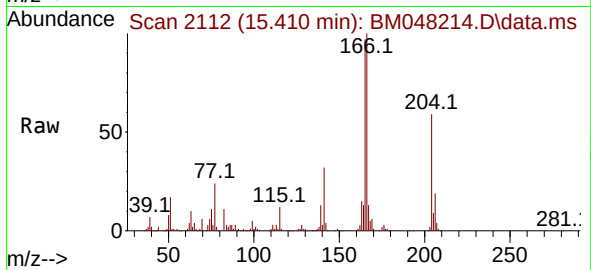
Tgt Ion:149 Resp: 222765
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 7.420 ng
RT: 15.410 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

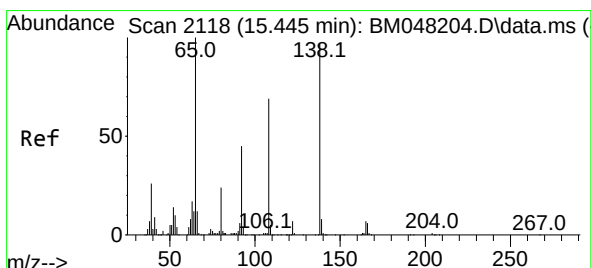
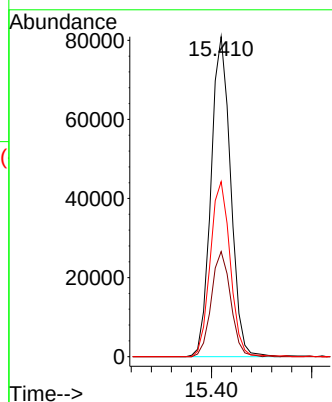
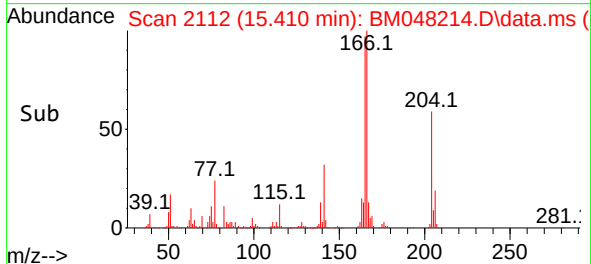
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:204 Resp: 110248
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 54.7 47.0 70.6

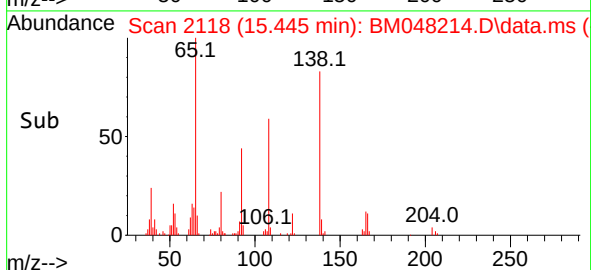
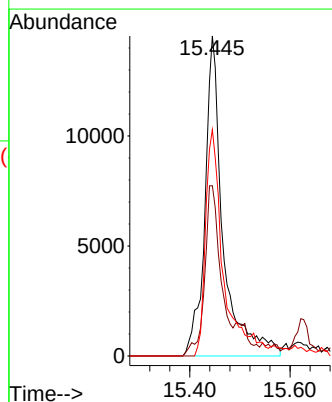
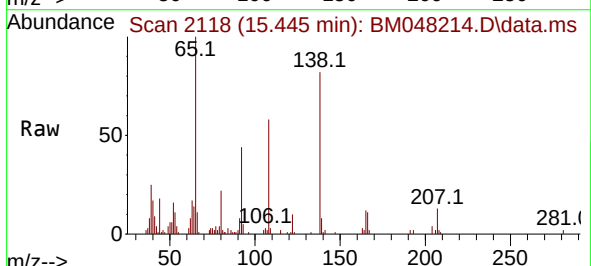
Manual Integrations
APPROVED

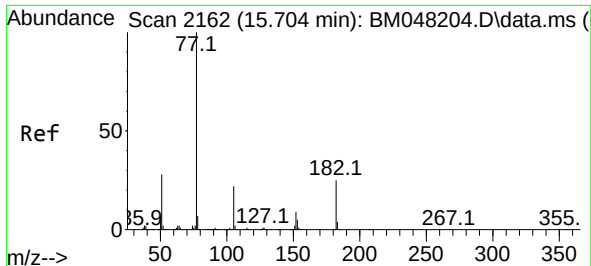
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#62
4-Nitroaniline
Concen: 5.465 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

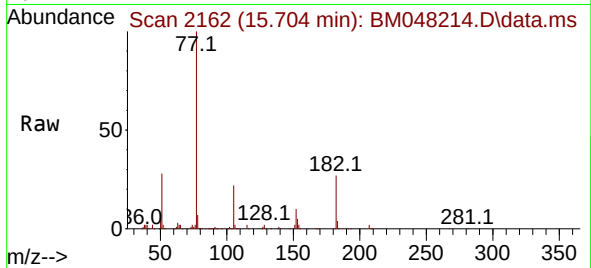
Tgt Ion:138 Resp: 36824
Ion Ratio Lower Upper
138 100
92 53.2 26.9 66.9
108 70.7 51.3 91.3





#63
Azobenzene
Concen: 7.165 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

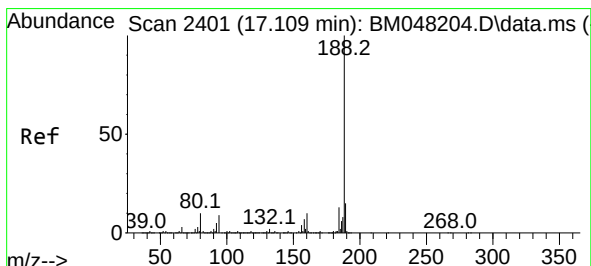
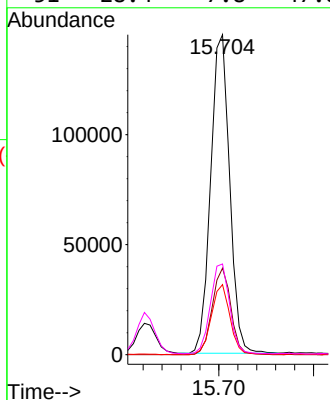
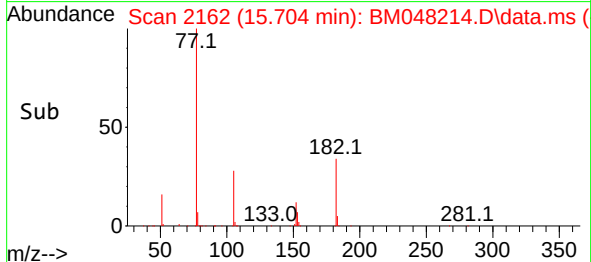
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 201170
Ion Ratio Lower Upper
77 100
182 27.0 5.3 45.3
105 21.9 1.6 41.6
51 28.4 7.8 47.8

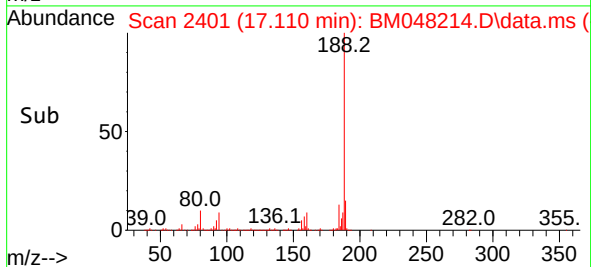
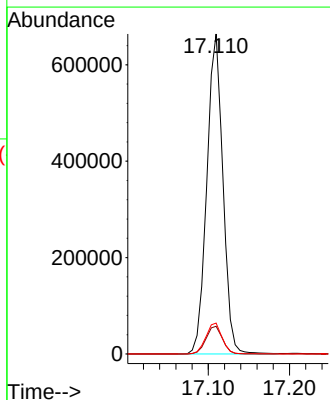
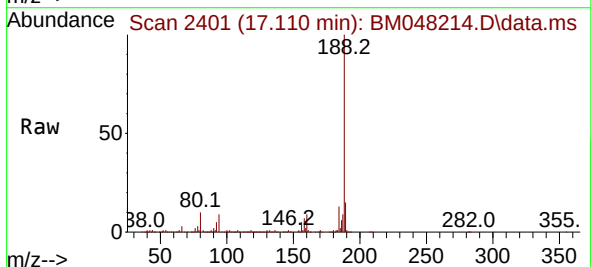
Manual Integrations
APPROVED

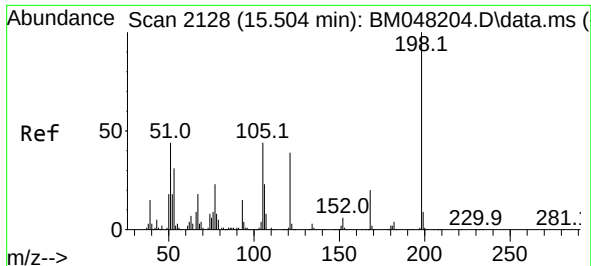
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.110 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

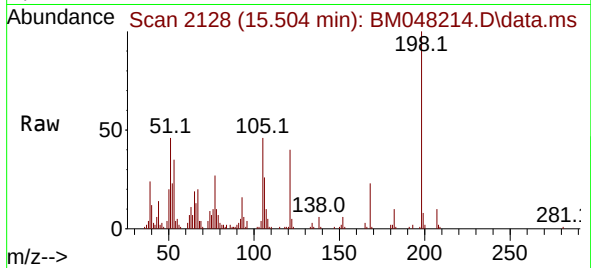
Tgt Ion:188 Resp: 911693
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.7 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 7.884 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

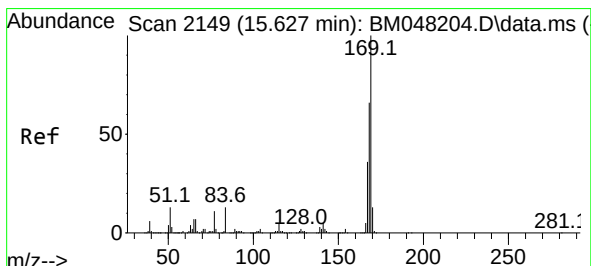
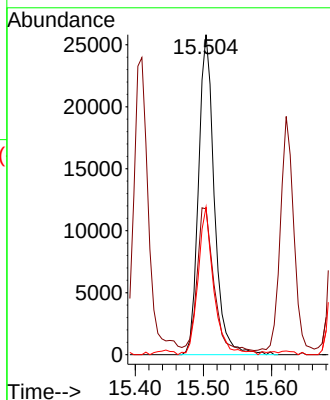
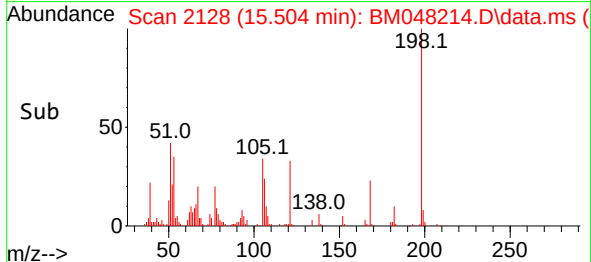
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:198 Resp: 4170
Ion Ratio Lower Upper
198 100
51 45.6 25.4 65.4
105 46.1 23.9 63.9

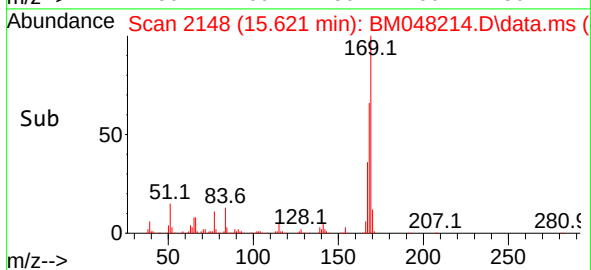
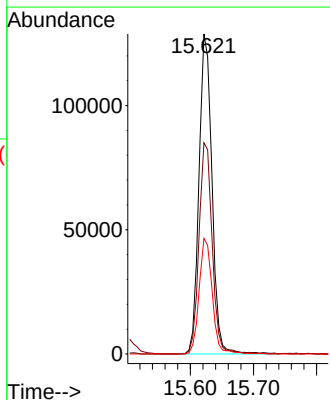
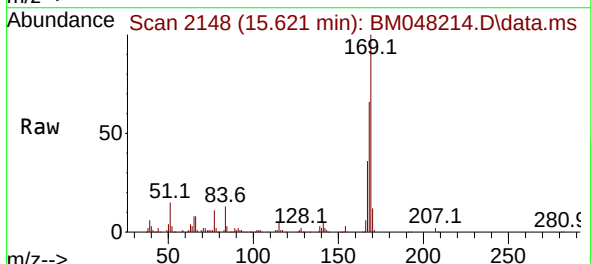
Manual Integrations
APPROVED

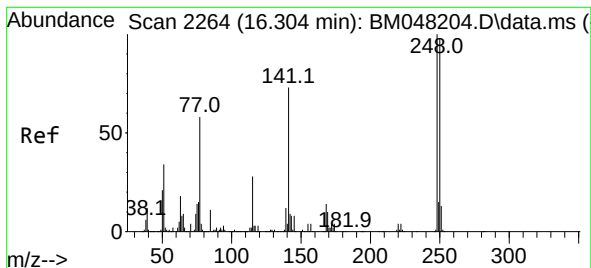
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#66
n-Nitrosodiphenylamine
Concen: 7.341 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

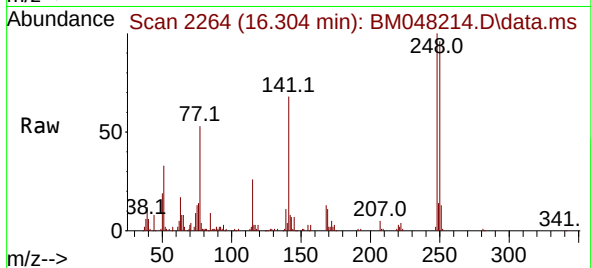
Tgt Ion:169 Resp: 183720
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 36.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 7.299 ng
RT: 16.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

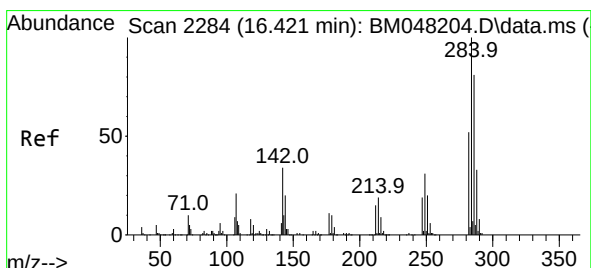
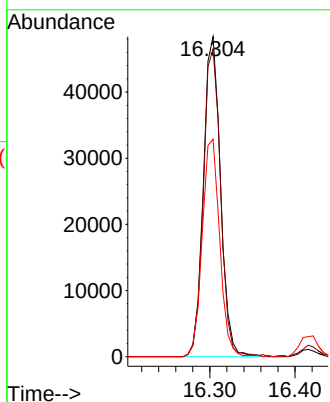
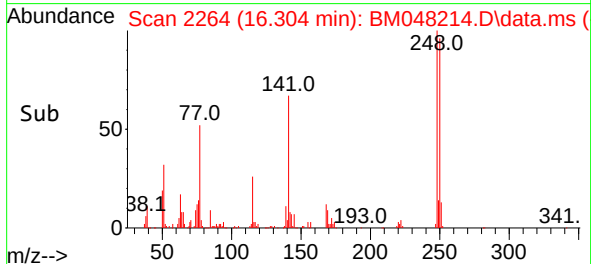
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:248 Resp: 67469
Ion Ratio Lower Upper
248 100
250 96.2 78.3 117.5
141 68.0 58.0 87.0

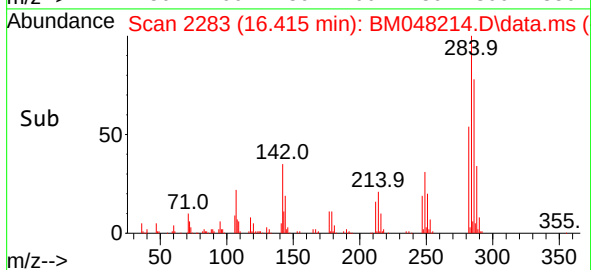
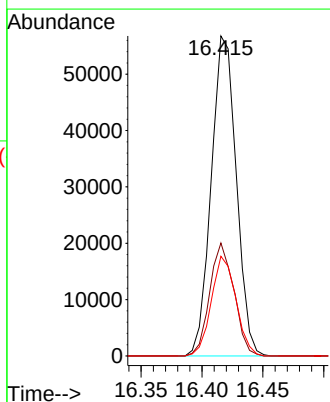
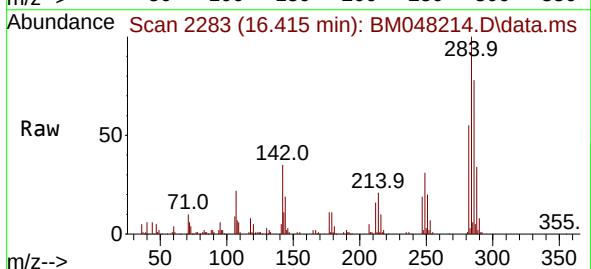
Manual Integrations
APPROVED

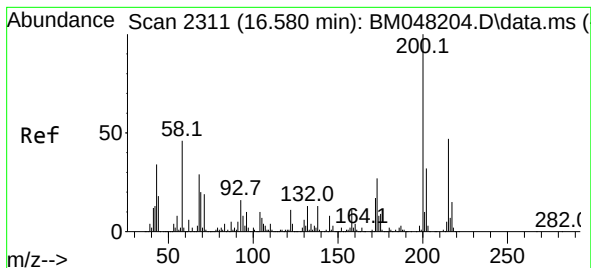
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#68
Hexachlorobenzene
Concen: 7.317 ng
RT: 16.415 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion:284 Resp: 81235
Ion Ratio Lower Upper
284 100
142 35.3 27.0 40.4
249 31.1 24.6 36.8





#69

Atrazine

Concen: 8.817 ng

RT: 16.580 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM048214.D

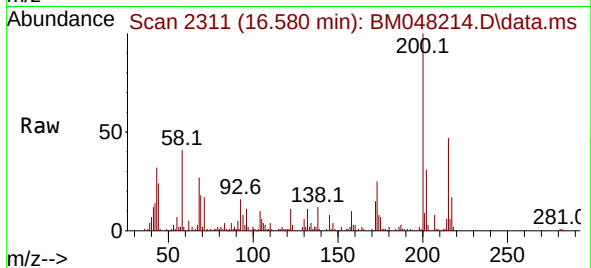
Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



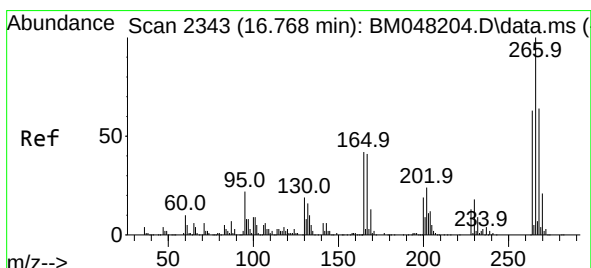
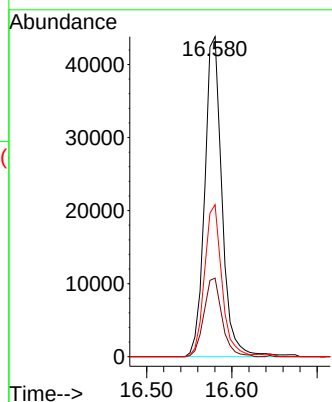
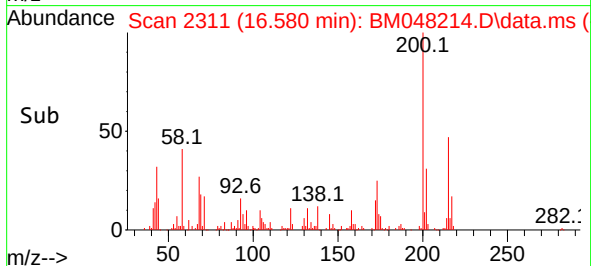
Tgt Ion:	200	Resp:	6174
Ion Ratio	Lower	Upper	
200	100		
173	24.6	6.5	46.5
215	47.5	27.2	67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#70

Pentachlorophenol

Concen: 11.563 ng

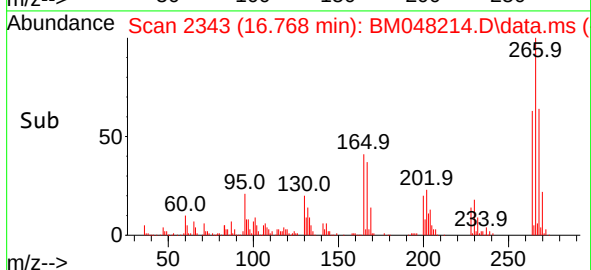
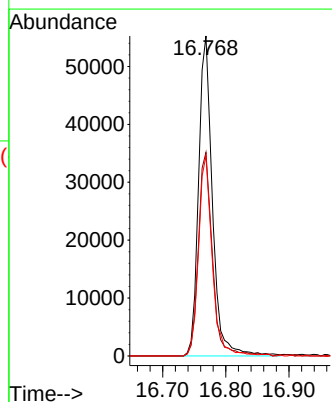
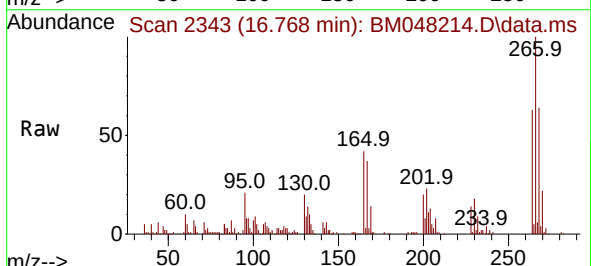
RT: 16.768 min Scan# 2343

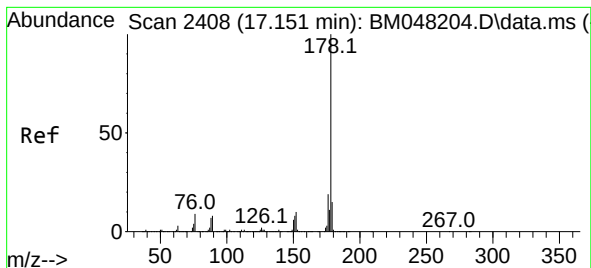
Delta R.T. 0.000 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Tgt Ion:	266	Resp:	84279
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.8	76.2
264	62.6	50.2	75.2





#71

Phenanthrene

Concen: 7.648 ng

RT: 17.151 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

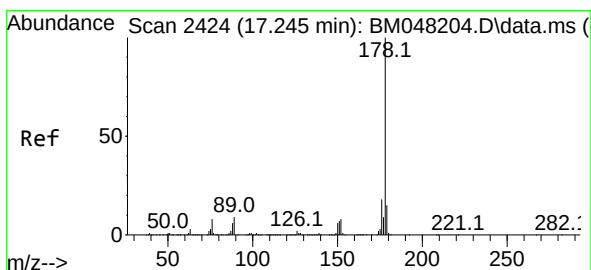
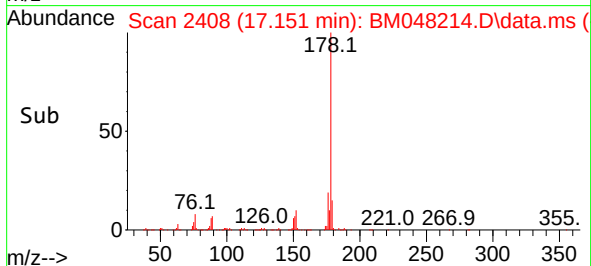
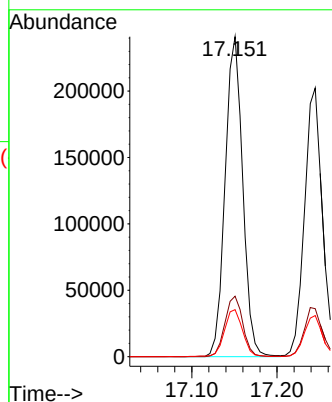
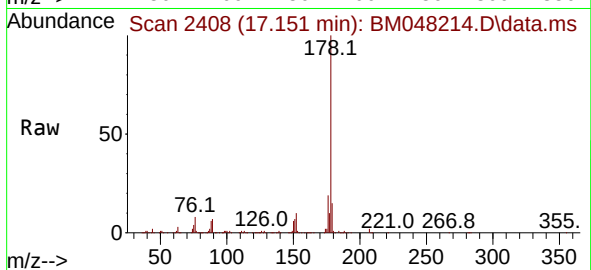
Tgt Ion:178 Resp: 34528
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 14.7 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#72

Anthracene

Concen: 6.779 ng

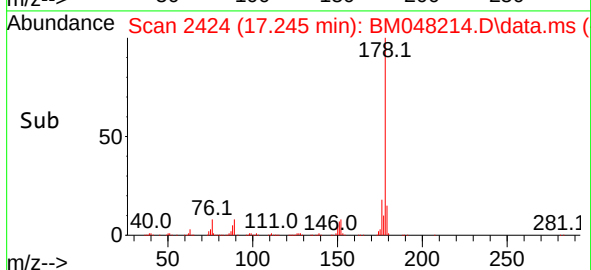
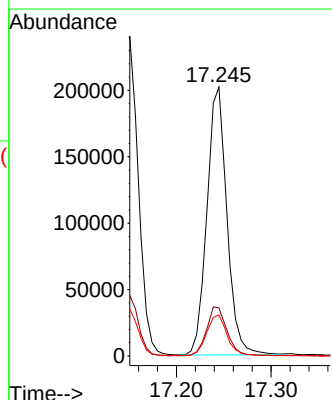
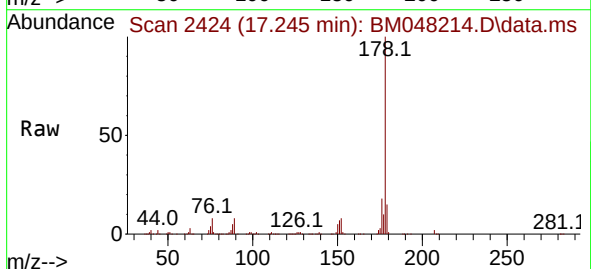
RT: 17.245 min Scan# 2424

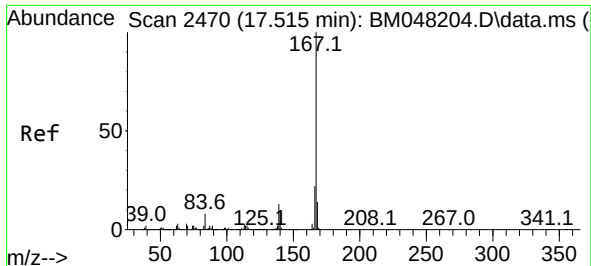
Delta R.T. 0.000 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

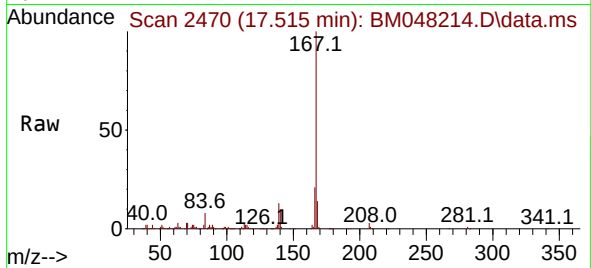
Tgt Ion:178 Resp: 296233
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.8 22.2
 179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 6.810 ng
 RT: 17.515 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BM048214.D
 Acq: 24 Oct 2024 13:09

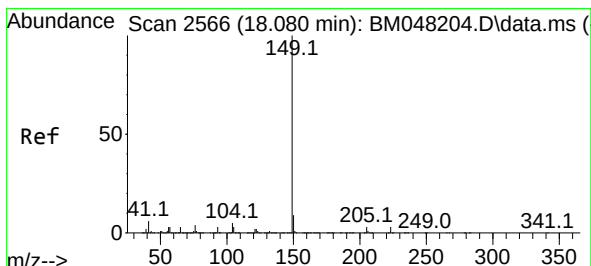
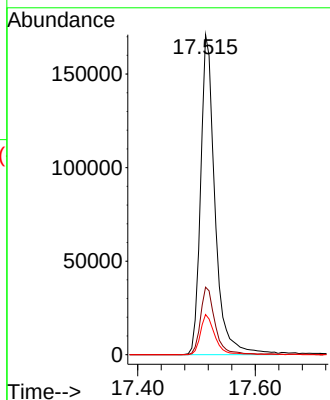
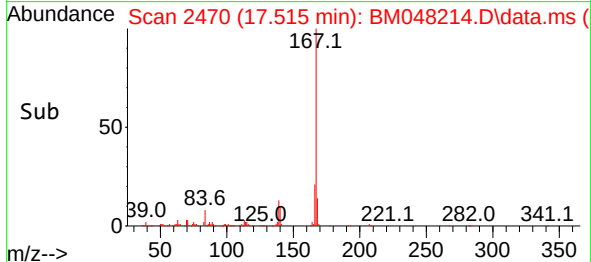
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



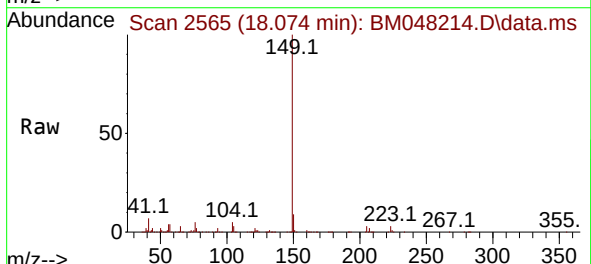
Tgt Ion:167 Resp: 291748
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.5 10.4 15.6

Manual Integrations
 APPROVED

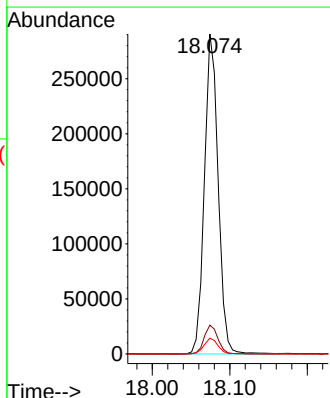
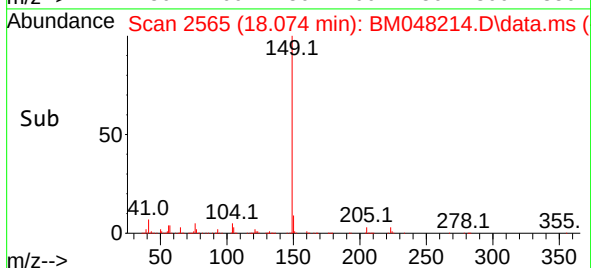
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

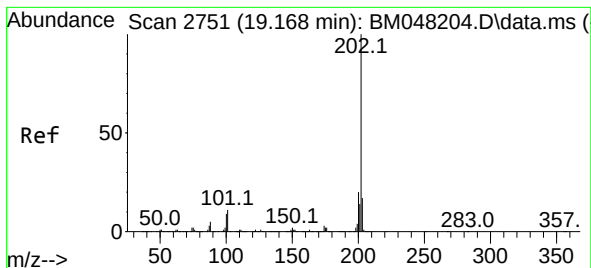


#74
 Di-n-butylphthalate
 Concen: 6.701 ng
 RT: 18.074 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM048214.D
 Acq: 24 Oct 2024 13:09



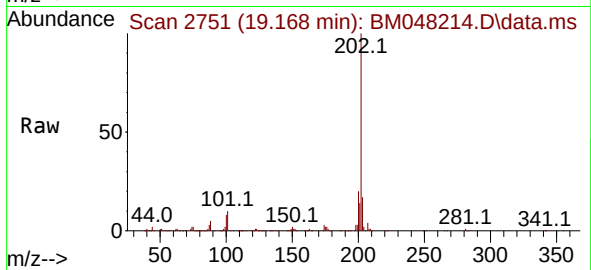
Tgt Ion:149 Resp: 357336
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 7.038 ng
RT: 19.168 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

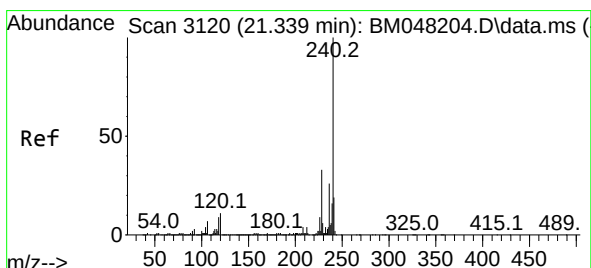
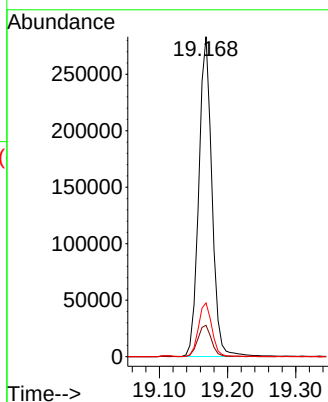
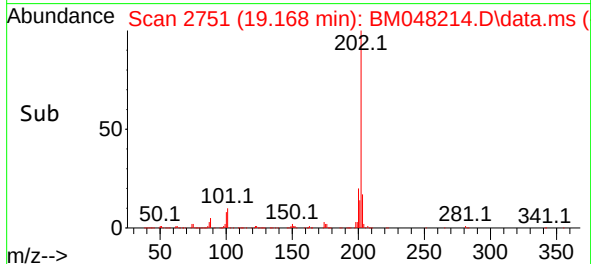
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



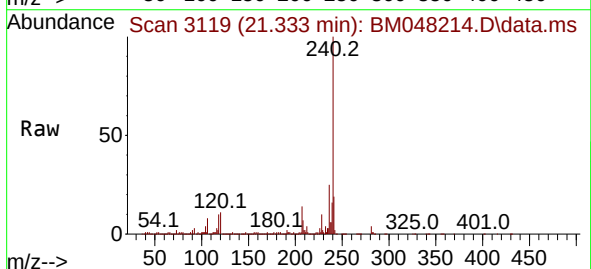
Tgt Ion:202 Resp: 37902
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 16.8 0.0 37.5

Manual Integrations
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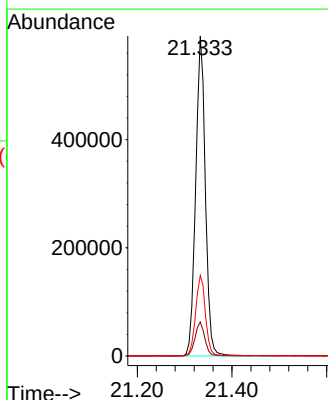
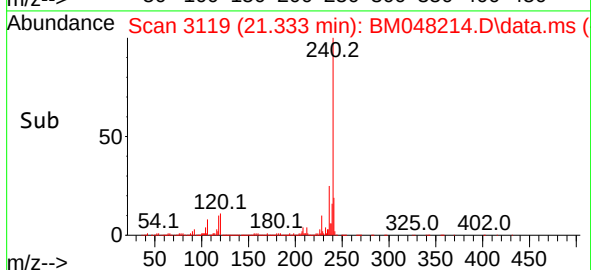
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

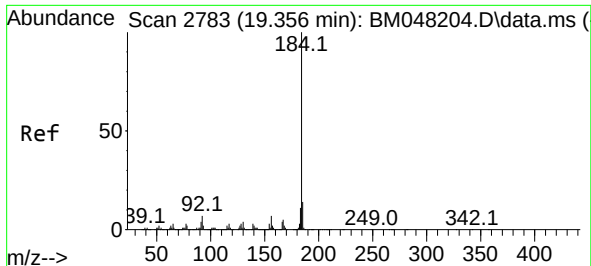


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09



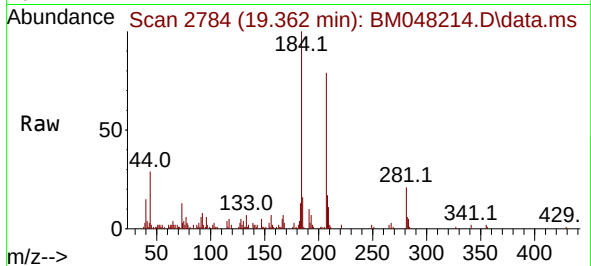
Tgt Ion:240 Resp: 841992
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.2 20.7 31.1





#77
Benzidine
Concen: 6.056 ng m
RT: 19.362 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

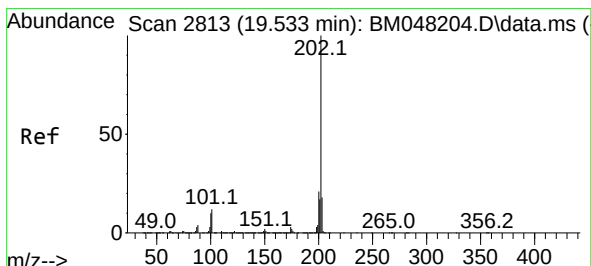
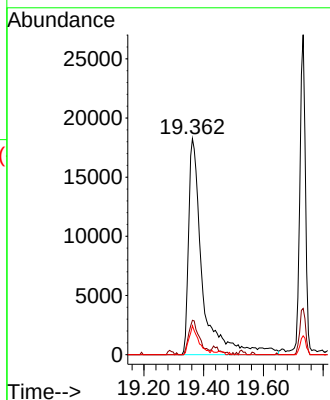
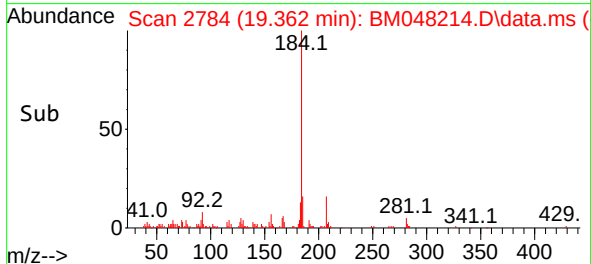
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:184 Resp: 5885
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 13.4 9.0 13.4

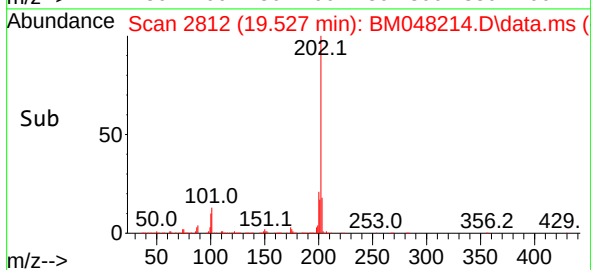
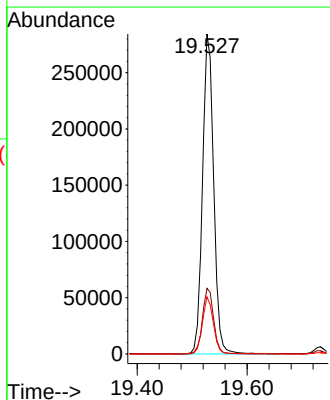
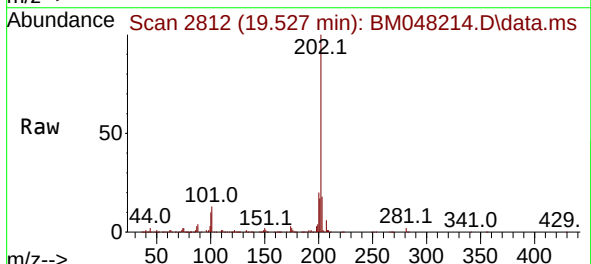
Manual Integrations
APPROVED

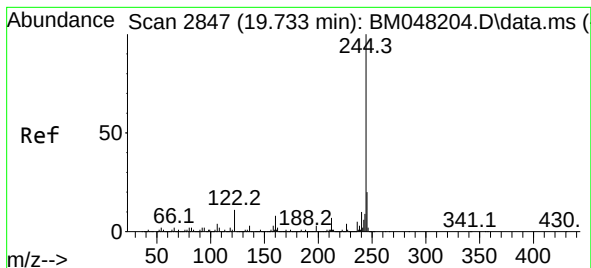
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#78
Pyrene
Concen: 7.116 ng
RT: 19.527 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

Tgt Ion:202 Resp: 401011
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 60.561 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:244 Resp: 249868

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

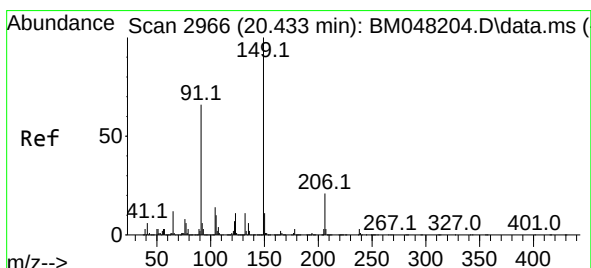
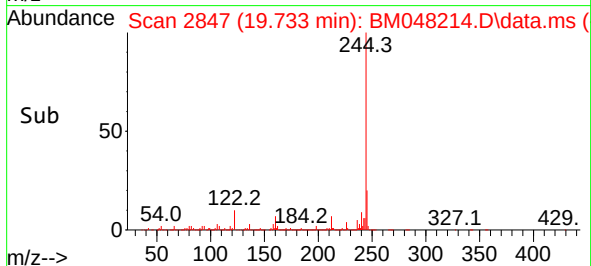
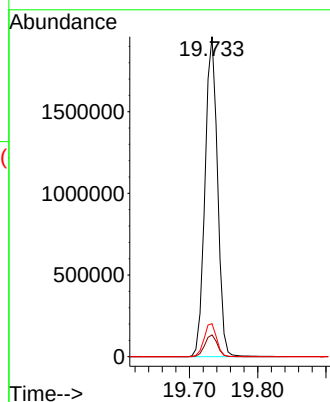
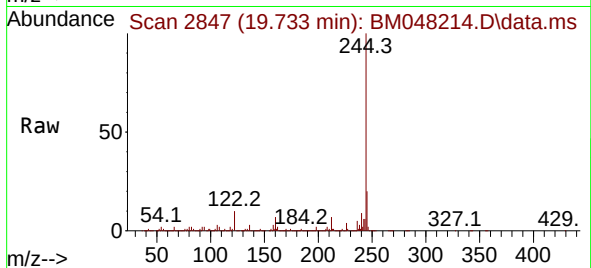
122 10.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#80

Butylbenzylphthalate

Concen: 6.404 ng

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

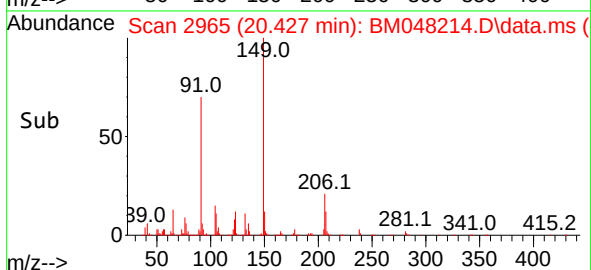
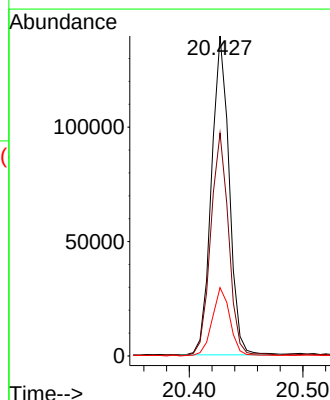
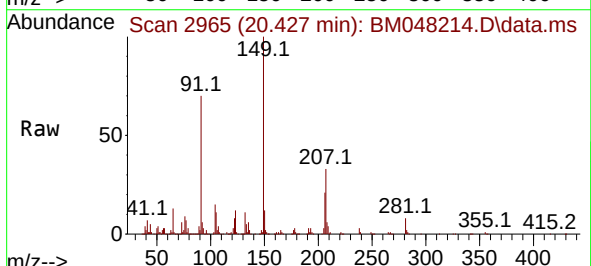
Tgt Ion:149 Resp: 150927

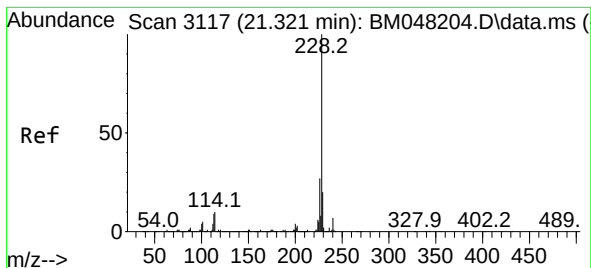
Ion Ratio Lower Upper

149 100

91 69.6 52.5 78.7

206 21.3 17.0 25.6





#81

Benzo(a)anthracene

Concen: 7.235 ng

RT: 21.315 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM048214.D

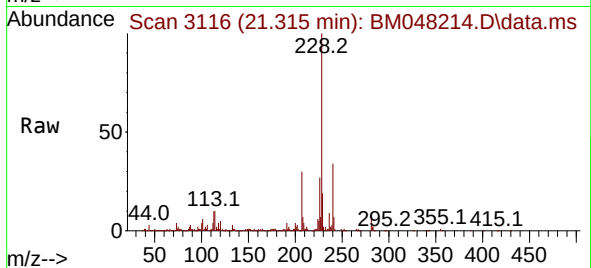
Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:228 Resp: 389278

Ion Ratio Lower Upper

228 100

226 26.7 21.5 32.3

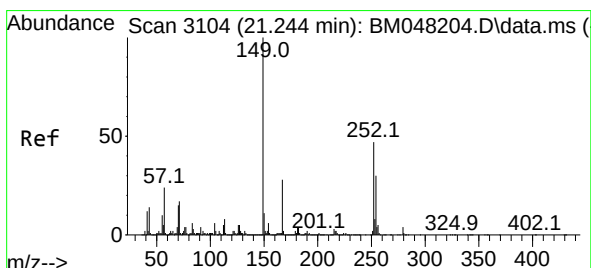
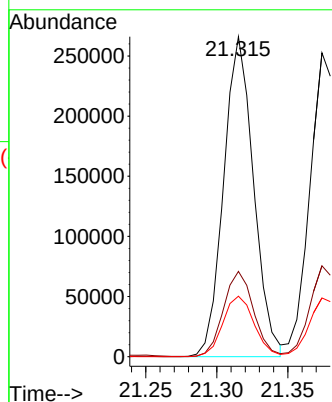
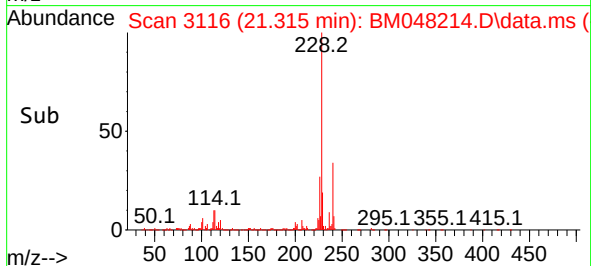
229 18.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#82

3,3'-Dichlorobenzidine

Concen: 6.437 ng

RT: 21.245 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

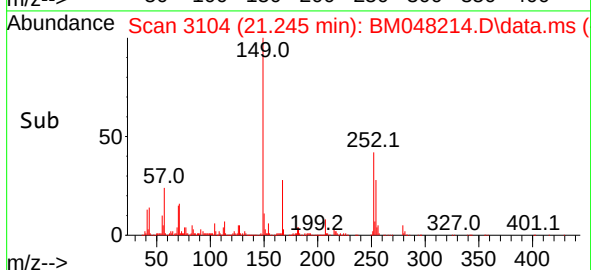
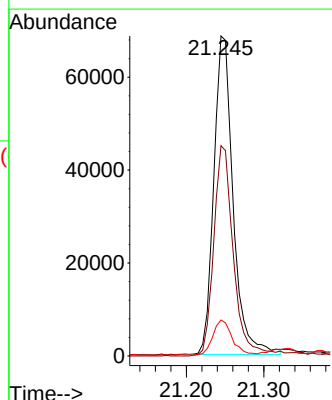
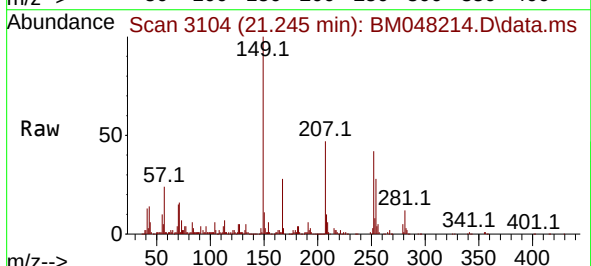
Tgt Ion:252 Resp: 118636

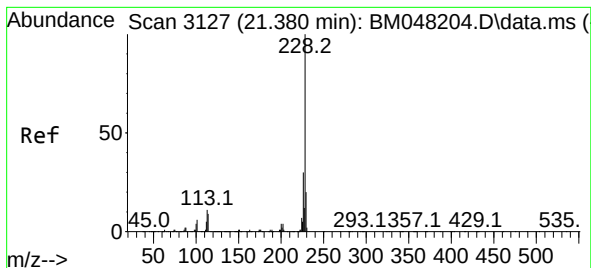
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.8

126 11.3 8.8 13.2





#83

Chrysene

Concen: 7.505 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

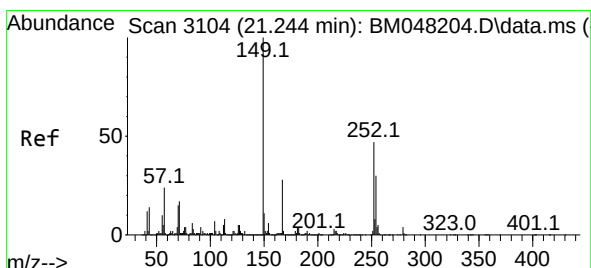
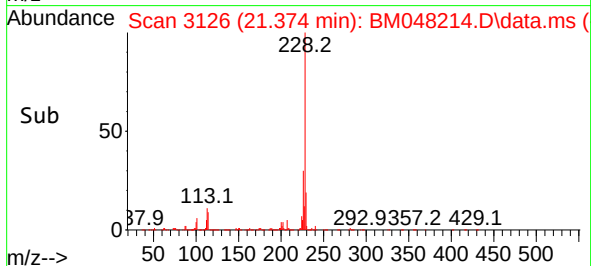
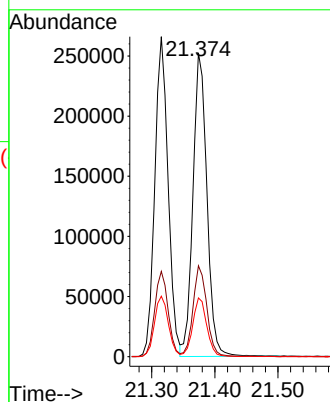
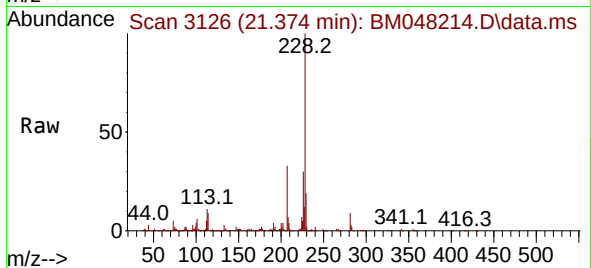
Tgt Ion:228 Resp: 38761
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.5 35.3
 229 19.3 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.756 ng

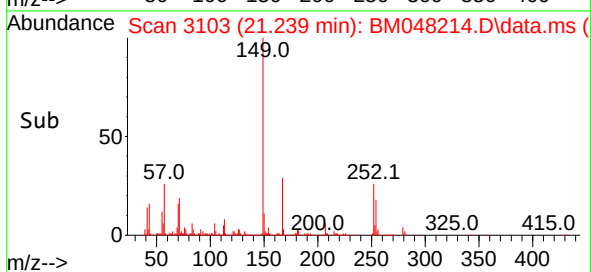
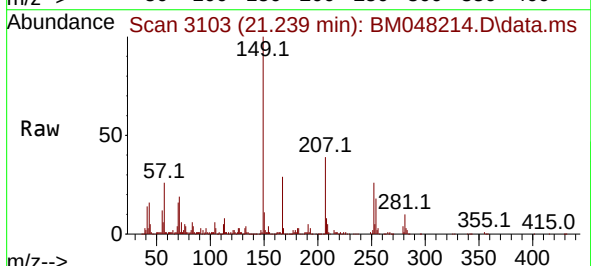
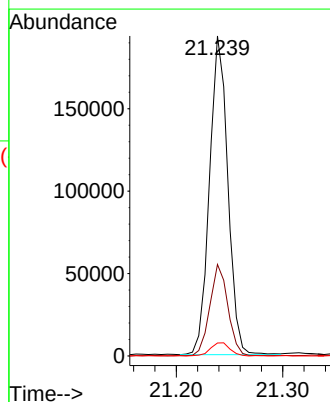
RT: 21.239 min Scan# 3103

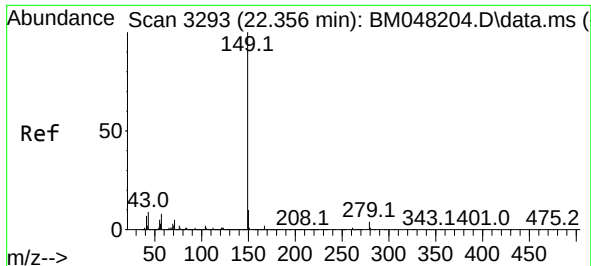
Delta R.T. -0.006 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

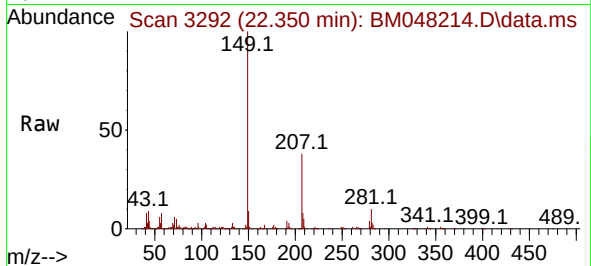
Tgt Ion:149 Resp: 231417
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.5 33.7
 279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 6.158 ng
RT: 22.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

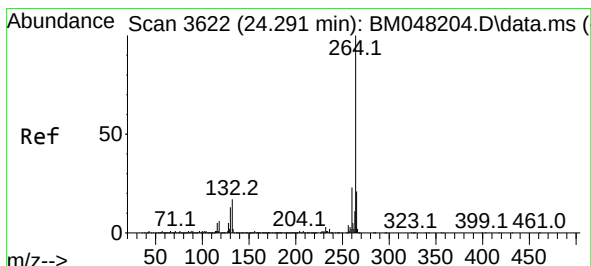
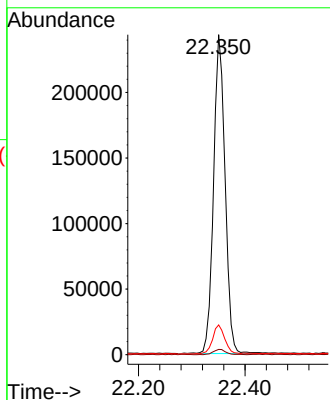
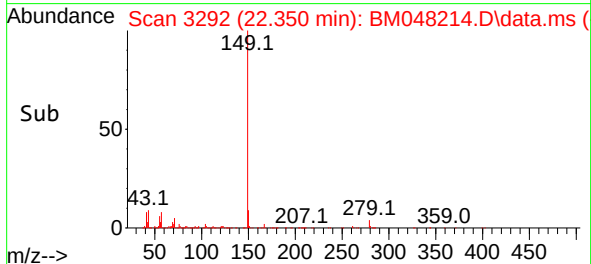
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



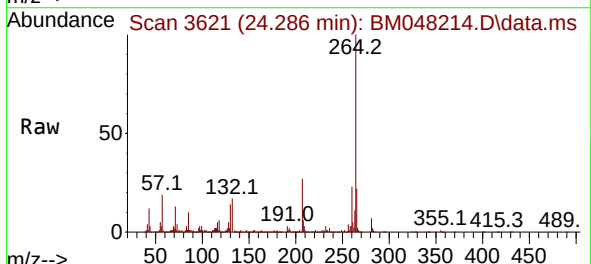
Tgt Ion:149 Resp: 365320
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 9.4 7.3 10.9

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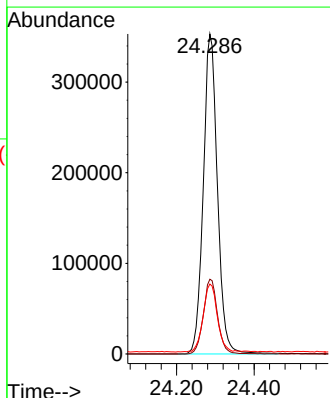
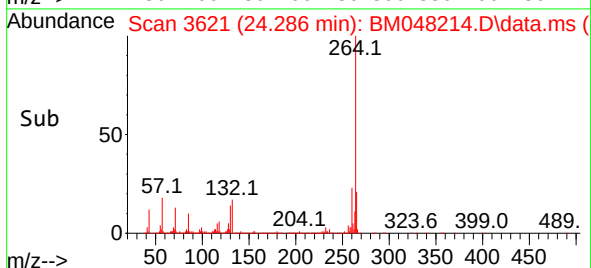
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

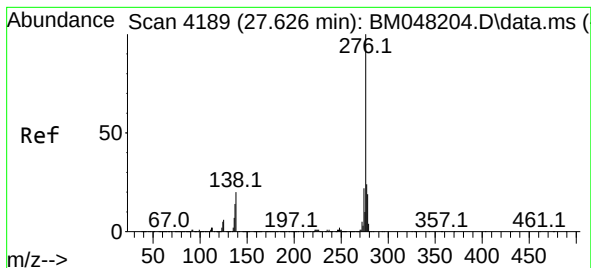


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.286 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09



Tgt Ion:264 Resp: 892735
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.676 ng

RT: 27.603 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:276 Resp: 45313

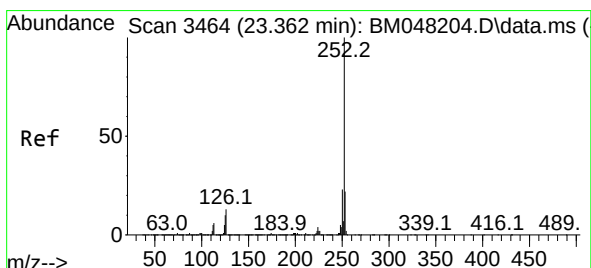
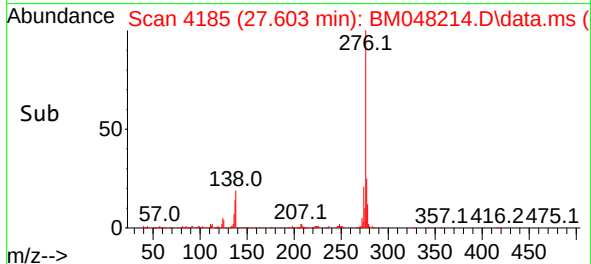
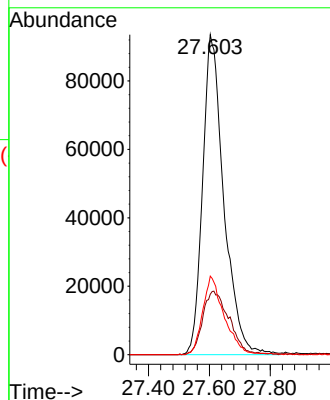
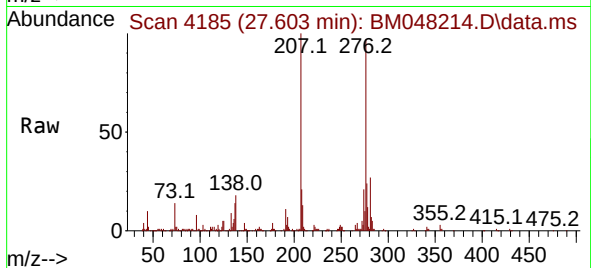
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.6
277	24.7	20.0	30.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#88

Benzo(b)fluoranthene

Concen: 7.551 ng

RT: 23.350 min Scan# 3462

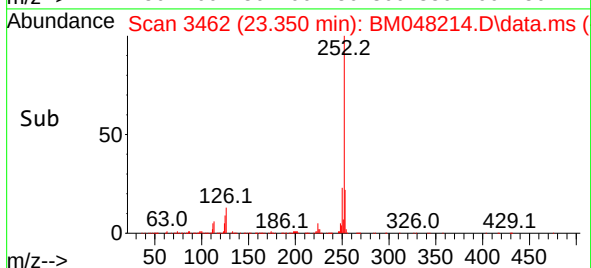
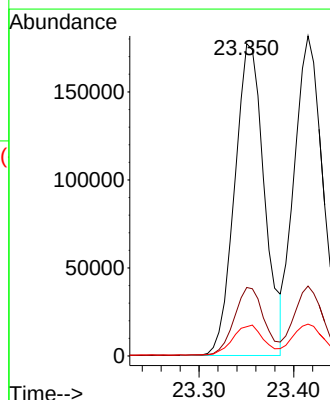
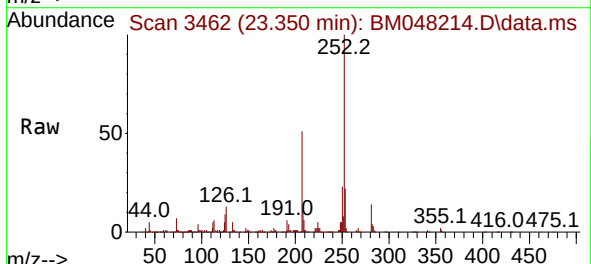
Delta R.T. -0.012 min

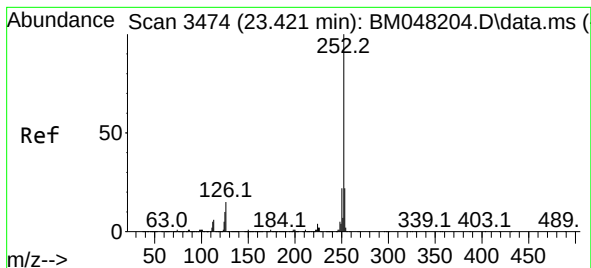
Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Tgt Ion:252 Resp: 386508

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.4	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 7.887 ng

RT: 23.415 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

Instrument :

BNA_M

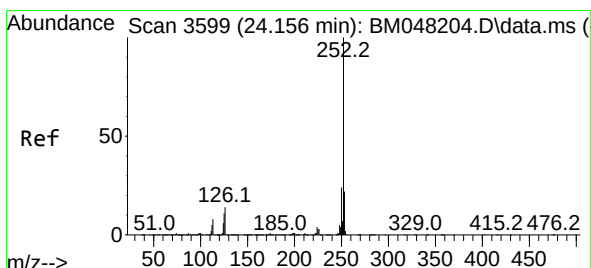
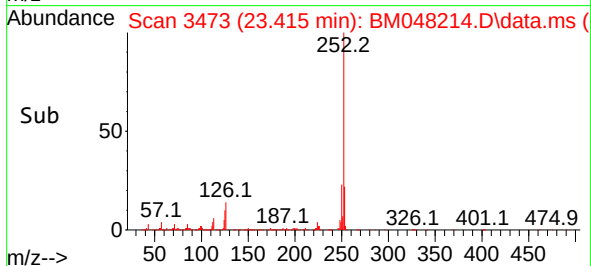
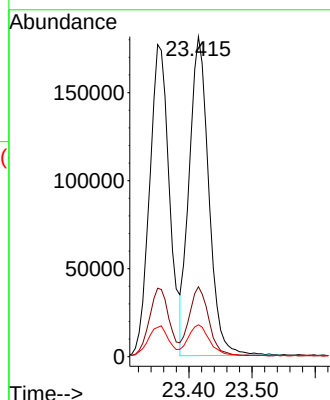
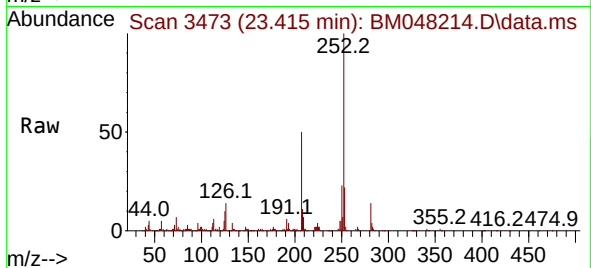
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:252 Resp: 39034
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.8
 125 9.9 7.8 11.6

Manual Integrations
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Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024



#90

Benzo(a)pyrene

Concen: 7.753 ng

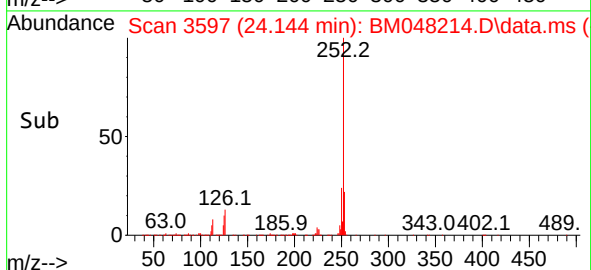
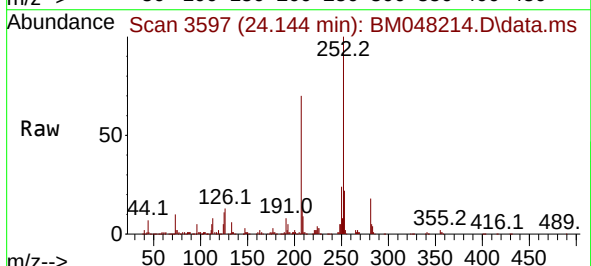
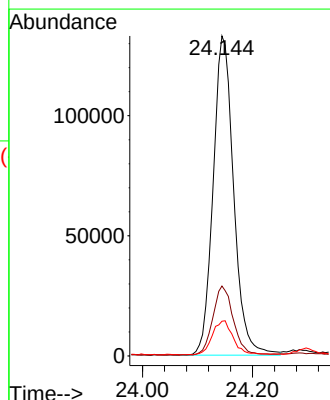
RT: 24.144 min Scan# 3597

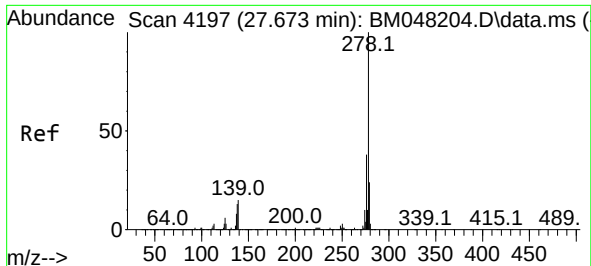
Delta R.T. -0.012 min

Lab File: BM048214.D

Acq: 24 Oct 2024 13:09

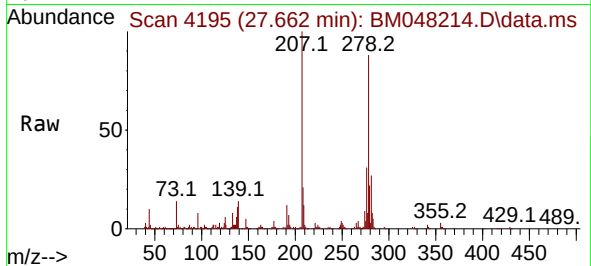
Tgt Ion:252 Resp: 345029
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 7.509 ng
RT: 27.662 min Scan# 4197
Delta R.T. -0.012 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09

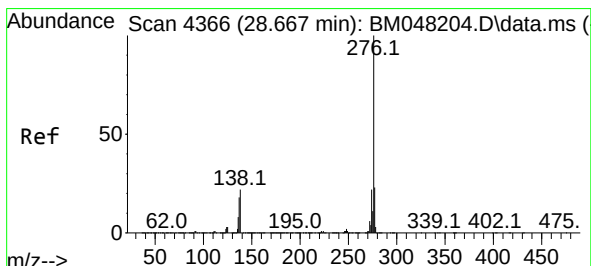
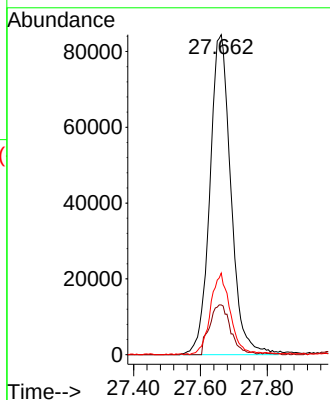
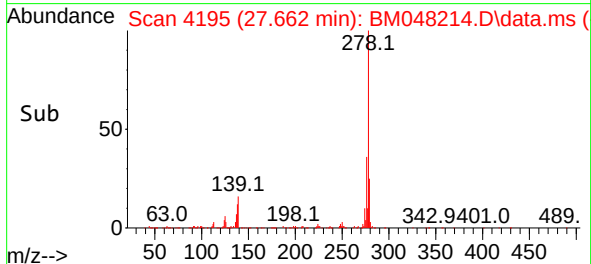
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



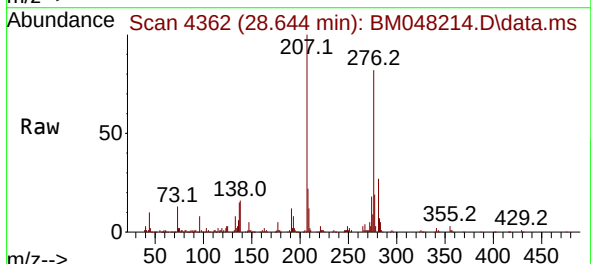
Tgt Ion:278 Resp: 36916
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 25.5 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#92
Benzo(g,h,i)perylene
Concen: 7.127 ng
RT: 28.644 min Scan# 4362
Delta R.T. -0.023 min
Lab File: BM048214.D
Acq: 24 Oct 2024 13:09



Tgt Ion:276 Resp: 358799
Ion Ratio Lower Upper
276 100
277 22.8 18.5 27.7
138 19.6 17.5 26.3

