

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048218.D
 Acq On : 24 Oct 2024 15:49
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 ng
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 16:23:41 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	133286	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	533913	20.000	ng	0.00
39) Acenaphthene-d10	14.362	164	339157	20.000	ng	0.00
64) Phenanthrene-d10	17.103	188	695451	20.000	ng	0.00
76) Chrysene-d12	21.333	240	681603	20.000	ng	0.00
86) Perylene-d12	24.285	264	738617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	700690	88.368	ng	0.00
7) Phenol-d6	6.898	99	908523	87.980	ng	0.00
23) Nitrobenzene-d5	8.875	82	587011	62.078	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	363436	87.547	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	1367312	61.863	ng	0.00
79) Terphenyl-d14	19.733	244	1968172	58.927	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	43438	13.383	ng	99
3) Pyridine	3.610	79	99229	11.509	ng	97
4) n-Nitrosodimethylamine	3.516	42	44546	12.168	ng	# 98
6) Aniline	7.051	93	131657	15.359	ng	98
8) 2-Chlorophenol	7.286	128	108447	12.589	ng	99
9) Benzaldehyde	6.863	77	85231	16.799	ng	97
10) Phenol	6.922	94	128479	12.366	ng	94
11) bis(2-Chloroethyl)ether	7.145	93	101937	12.318	ng	99
12) 1,3-Dichlorobenzene	7.610	146	123938	12.479	ng	98
13) 1,4-Dichlorobenzene	7.751	146	123689	12.259	ng	99
14) 1,2-Dichlorobenzene	8.069	146	119971	12.303	ng	97
15) Benzyl Alcohol	7.963	79	77295	11.733	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.239	45	156763	12.951	ng	98
17) 2-Methylphenol	8.169	107	80405	11.647	ng	98
18) Hexachloroethane	8.792	117	44341	11.990	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	78180	11.967	ng	97
20) 3+4-Methylphenols	8.504	107	107576	11.249	ng	97
22) Acetophenone	8.539	105	161658	12.406	ng	# 99
24) Nitrobenzene	8.916	77	114153	11.651	ng	99
25) Isophorone	9.445	82	204785	11.815	ng	99
26) 2-Nitrophenol	9.633	139	49294	10.897	ng	96
27) 2,4-Dimethylphenol	9.698	122	46352	8.445	ng	94
28) bis(2-Chloroethoxy)met...	9.927	93	127809	11.653	ng	97
29) 2,4-Dichlorophenol	10.175	162	88799	11.247	ng	98
30) 1,2,4-Trichlorobenzene	10.374	180	106569	11.786	ng	98
31) Naphthalene	10.557	128	335125	12.035	ng	100
32) Benzoic acid	9.804	122	70007	11.459	ng	96
33) 4-Chloroaniline	10.680	127	114999	12.733	ng	98
34) Hexachlorobutadiene	10.845	225	64315	11.476	ng	97
35) Caprolactam	11.451	113	27094	10.564	ng	97
36) 4-Chloro-3-methylphenol	11.816	107	92688	11.246	ng	98
37) 2-Methylnaphthalene	12.174	142	221430	11.901	ng	99
38) 1-Methylnaphthalene	12.398	142	206529	11.194	ng	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	117663	12.138	ng	98
41) Hexachlorocyclopentadiene	12.527	237	42287	12.891	ng	95
43) 2,4,6-Trichlorophenol	12.798	196	73535	11.431	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	81670	11.384	ng	99
46) 1,1'-Biphenyl	13.198	154	300268	12.400	ng	98
47) 2-Chloronaphthalene	13.233	162	224807	11.774	ng	99
48) 2-Nitroaniline	13.445	65	56065	10.827	ng	94
49) Acenaphthylene	14.086	152	354036	12.710	ng	99
50) Dimethylphthalate	13.821	163	278251	12.018	ng	100
51) 2,6-Dinitrotoluene	13.939	165	55812	10.804	ng	89
52) Acenaphthene	14.427	154	208911	11.804	ng	100
53) 3-Nitroaniline	14.280	138	54324	11.150	ng	99
54) 2,4-Dinitrophenol	14.486	184	27810	9.212	ng	95
55) Dibenzofuran	14.762	168	343187	12.205	ng	99
56) 4-Nitrophenol	14.604	139	41641	9.577	ng	94
57) 2,4-Dinitrotoluene	14.739	165	70556	10.342	ng	96
58) Fluorene	15.415	166	270816	12.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	71195	11.973	ng	100
60) Diethylphthalate	15.186	149	274156	11.695	ng	99
61) 4-Chlorophenyl-phenyle...	15.409	204	133719	12.028	ng	97
62) 4-Nitroaniline	15.445	138	50373	9.990	ng	93
63) Azobenzene	15.698	77	253165	12.049	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	46110	11.427	ng	99
66) n-Nitrosodiphenylamine	15.621	169	226499	11.864	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	81389	11.543	ng	94
68) Hexachlorobenzene	16.415	284	99631	11.765	ng	98
69) Atrazine	16.574	200	76511	14.323	ng	96
70) Pentachlorophenol	16.768	266	86324	15.526	ng	98
71) Phenanthrene	17.151	178	425099	12.344	ng	99
72) Anthracene	17.239	178	392896	11.786	ng	99
73) Carbazole	17.515	167	381299	11.668	ng	99
74) Di-n-butylphthalate	18.074	149	458493	11.271	ng	99
75) Fluoranthene	19.162	202	488438	11.890	ng	100
77) Benzidine	19.362	184	100789m	12.813	ng	
78) Pyrene	19.527	202	517050	11.333	ng	99
80) Butylbenzylphthalate	20.427	149	207508	10.877	ng	96
81) Benzo(a)anthracene	21.315	228	523667	12.023	ng	99
82) 3,3'-Dichlorobenzidine	21.244	252	177629	11.906	ng	98
83) Chrysene	21.374	228	521143	12.465	ng	100
84) Bis(2-ethylhexyl)phtha...	21.238	149	327118	11.797	ng	99
85) Di-n-octyl phthalate	22.350	149	523045	10.892	ng	99
87) Indeno(1,2,3-cd)pyrene	27.603	276	630561	12.910	ng	100
88) Benzo(b)fluoranthene	23.350	252	521840	12.322	ng	99
89) Benzo(k)fluoranthene	23.415	252	544910	13.308	ng	98
90) Benzo(a)pyrene	24.144	252	478736	13.003	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	520371	12.794	ng	98
92) Benzo(g,h,i)perylene	28.632	276	495711	11.902	ng	100

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

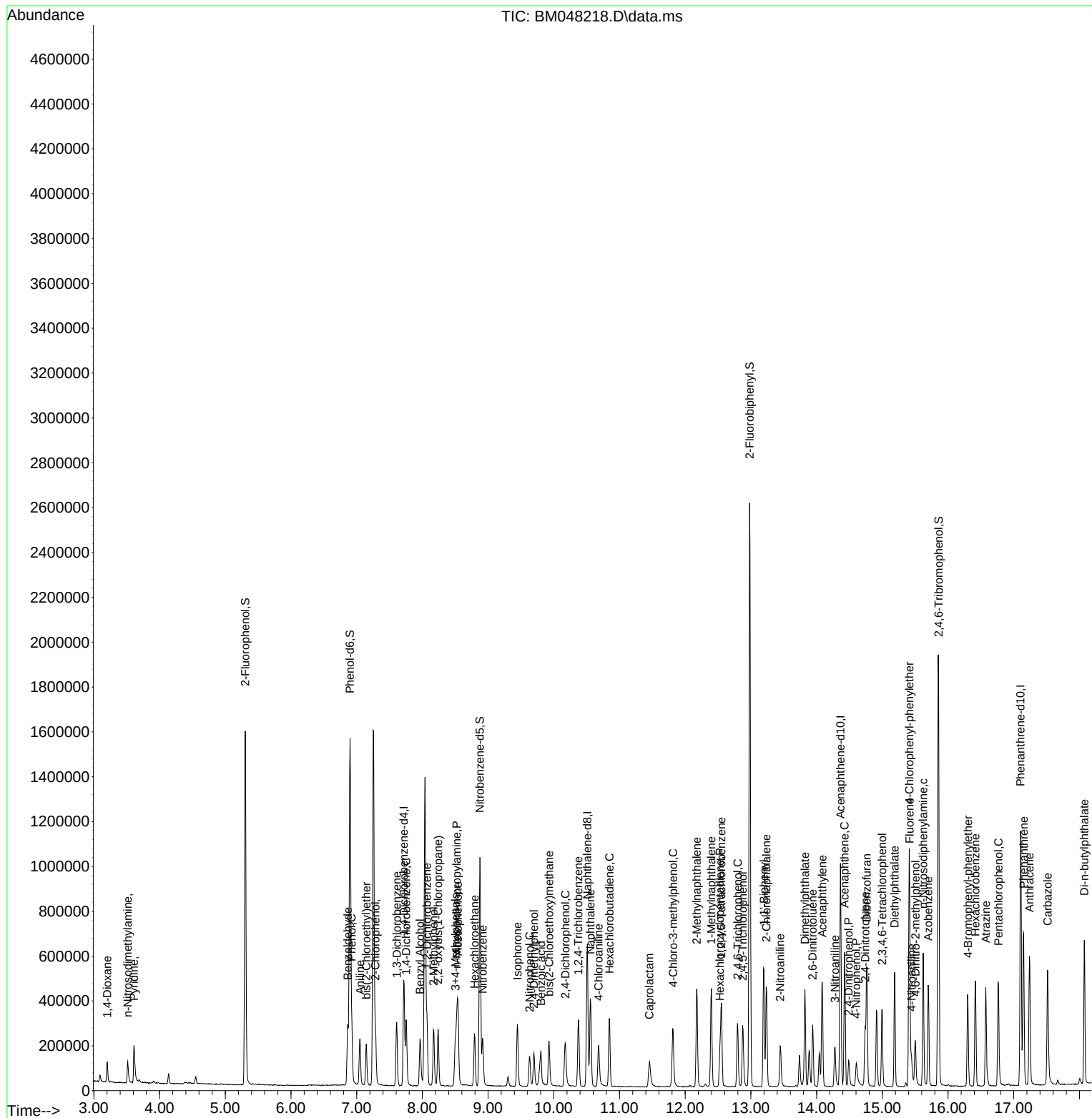
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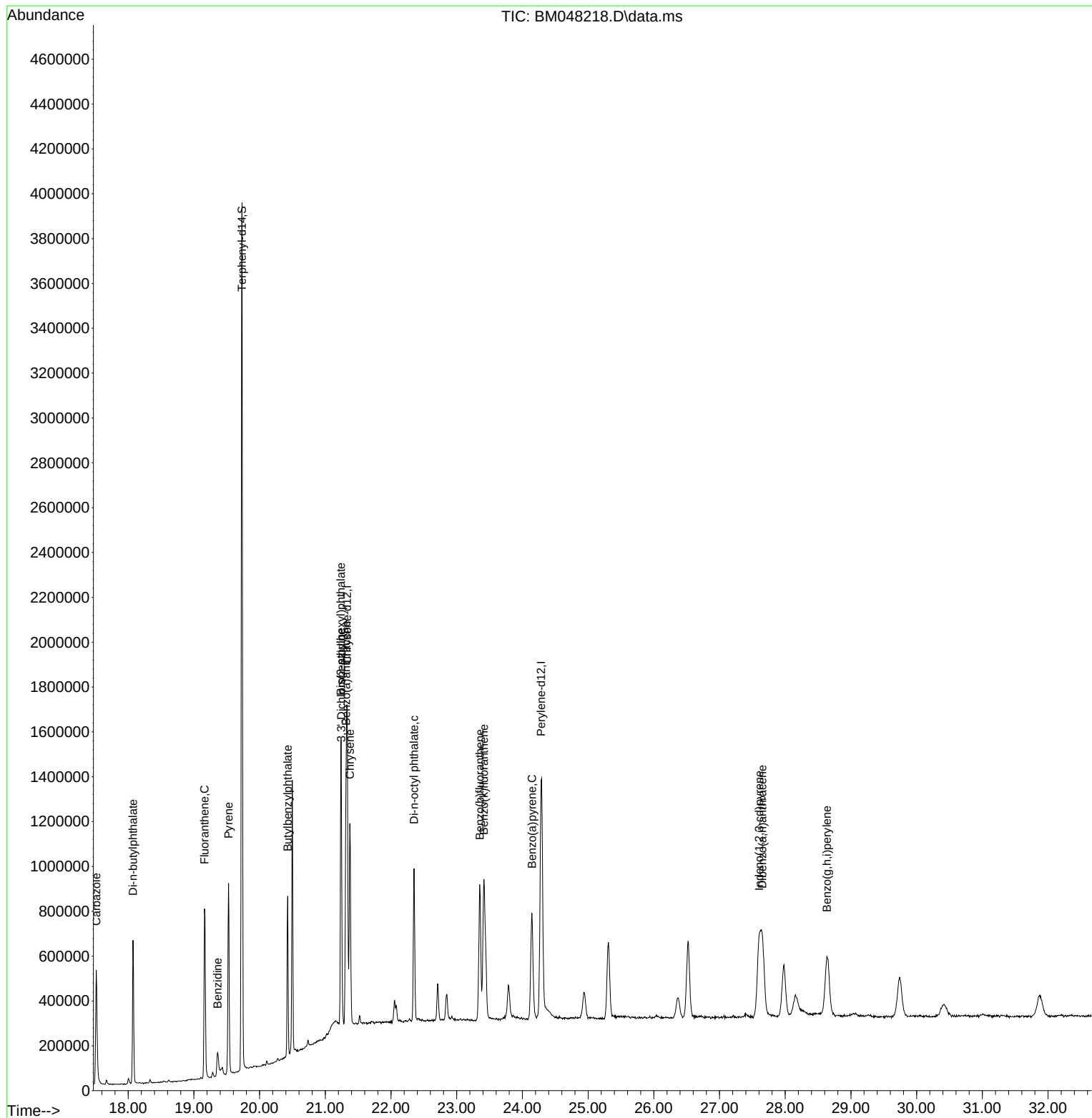
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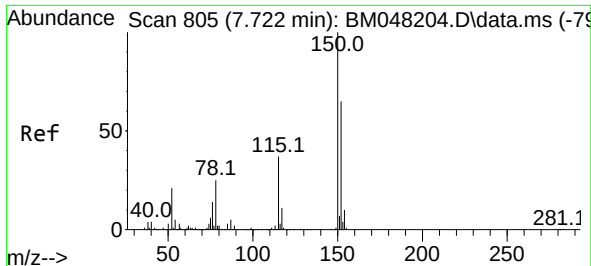
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024

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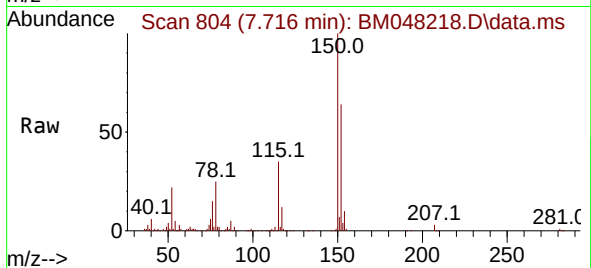
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048218.D
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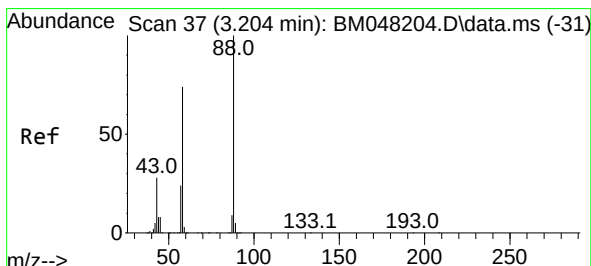
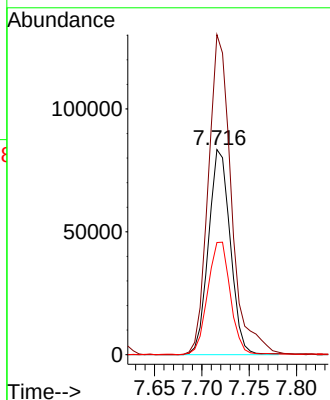
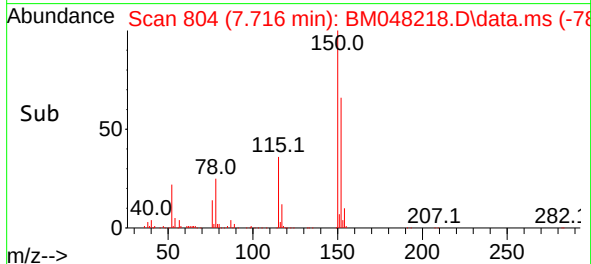
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:152 Resp: 133280
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.6
115 54.7 45.8 68.6

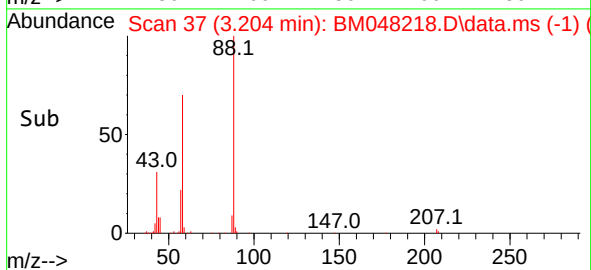
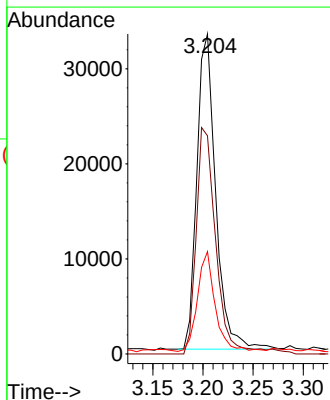
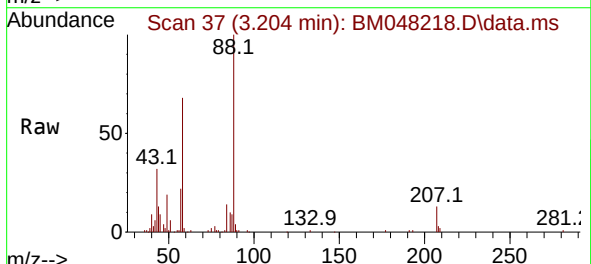
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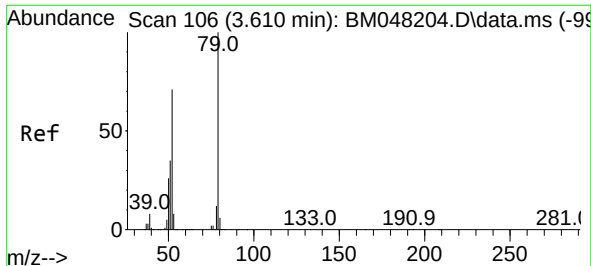
Reviewed By :Yogesh Patel 10/25/2024
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#2
1,4-Dioxane
Concen: 13.383 ng
RT: 3.204 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

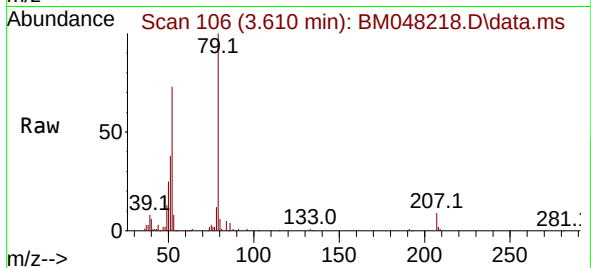
Tgt Ion: 88 Resp: 43438
Ion Ratio Lower Upper
88 100
58 75.3 59.7 89.5
43 29.8 22.6 33.8





#3
Pyridine
Concen: 11.509 ng
RT: 3.610 min Scan# 106
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

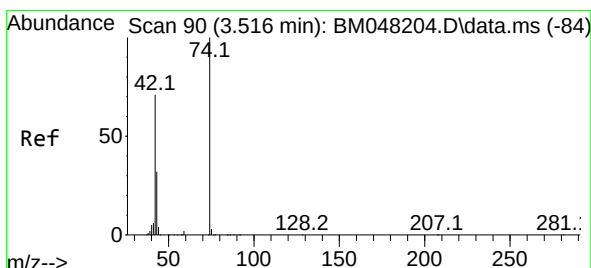
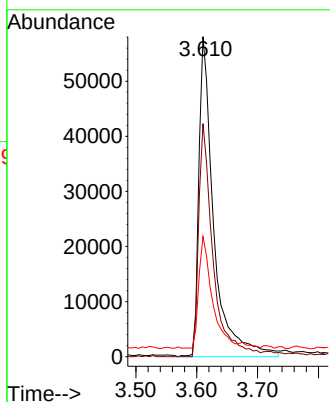
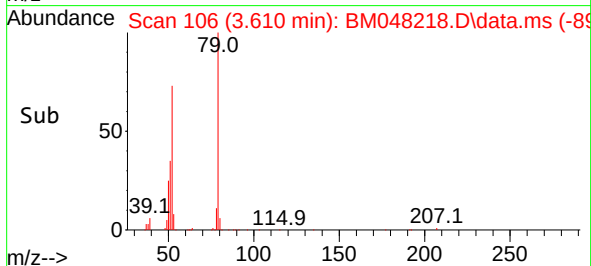
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ClientSampleId :
LOQ-WATER-02-QT4-2024



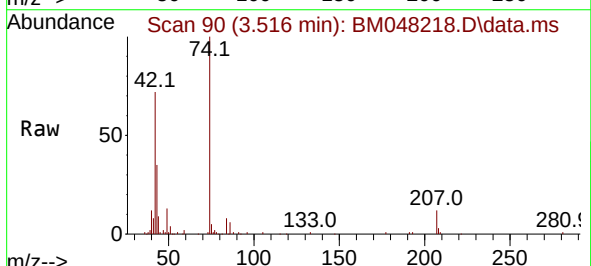
Tgt Ion: 79 Resp: 99229
Ion Ratio Lower Upper
79 100
52 72.8 56.5 84.7
51 37.5 28.5 42.7

Manual Integrations
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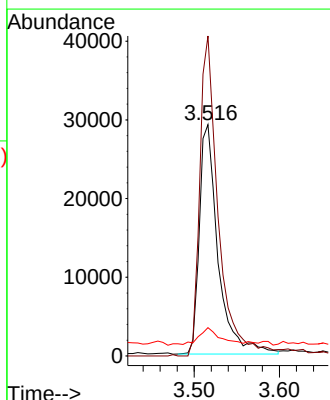
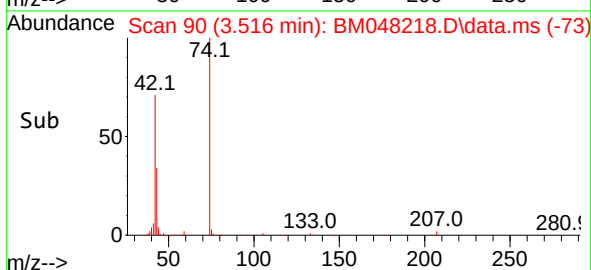
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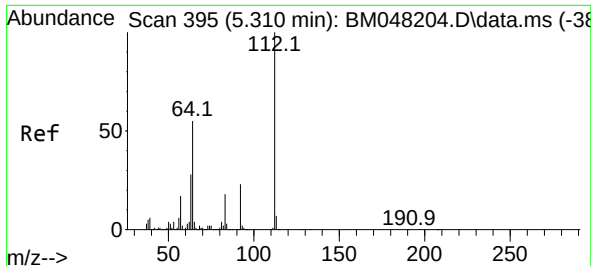


#4
n-Nitrosodimethylamine
Concen: 12.168 ng
RT: 3.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



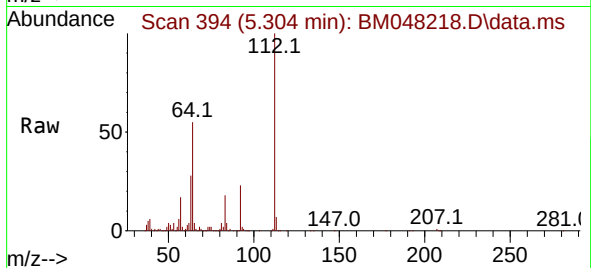
Tgt Ion: 42 Resp: 44546
Ion Ratio Lower Upper
42 100
74 138.4 111.8 167.6
44 12.3 6.0 9.0





#5
2-Fluorophenol
Concen: 88.368 ng
RT: 5.304 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

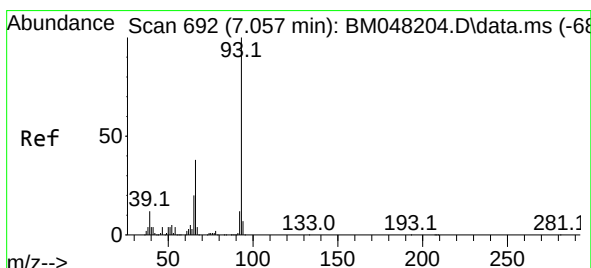
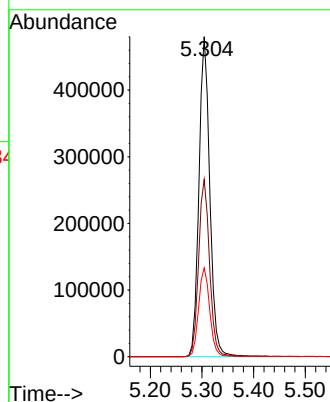
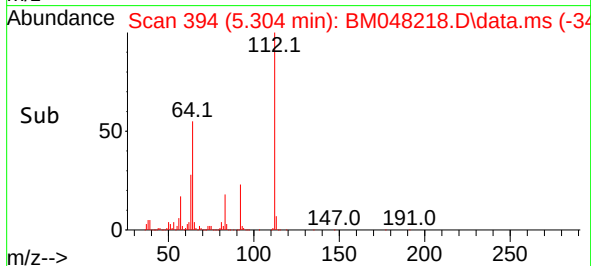
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 112 Resp: 700690
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 27.8 22.7 34.1

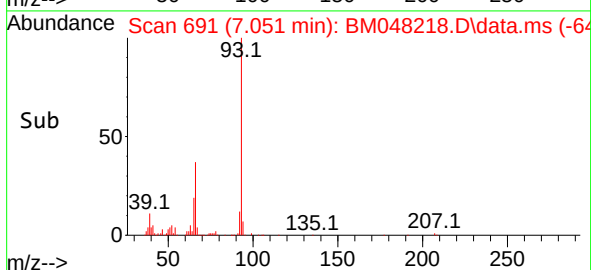
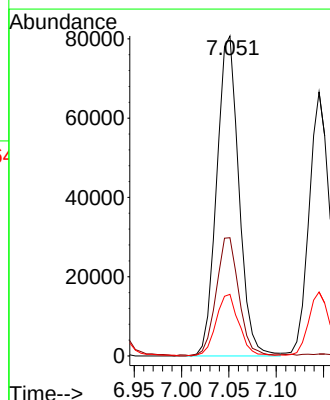
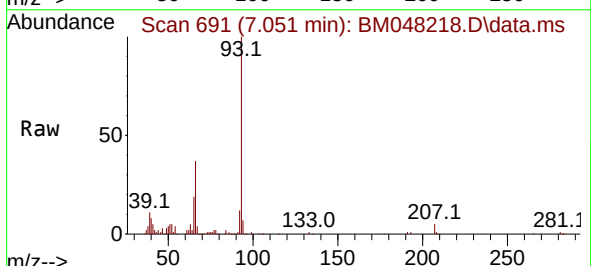
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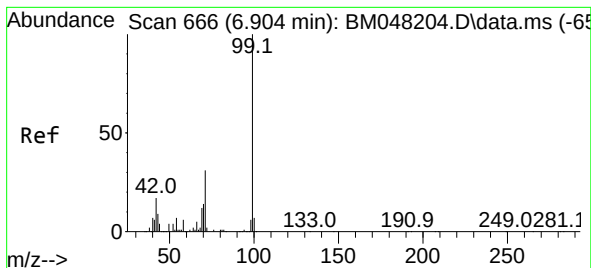
Reviewed By :Yogesh Patel 10/25/2024
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#6
Aniline
Concen: 15.359 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048218.D
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Tgt Ion: 93 Resp: 131657
Ion Ratio Lower Upper
93 100
66 37.0 30.2 45.2
65 19.2 16.2 24.2





#7

Phenol-d6

Concen: 87.980 ng

RT: 6.898 min Scan# 60

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

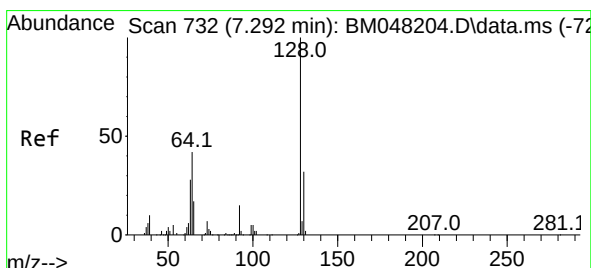
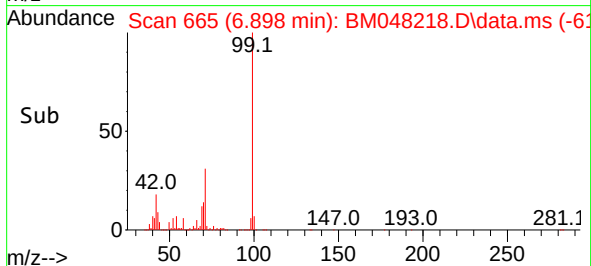
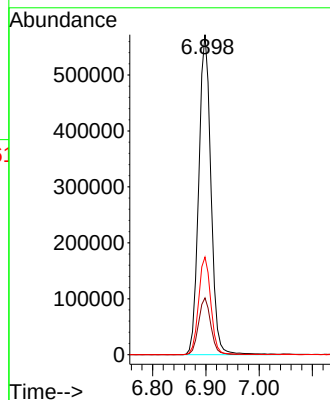
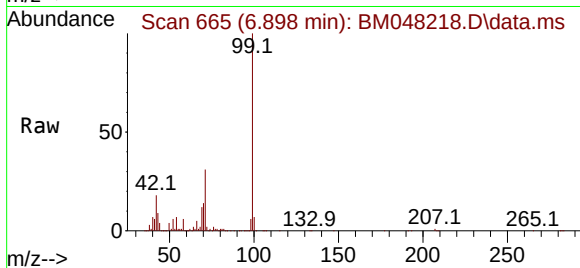
Tgt Ion:	99	Resp:	90852
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.8	20.8
71	30.5	24.9	37.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 12.589 ng

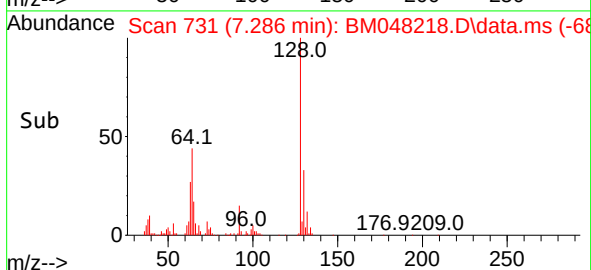
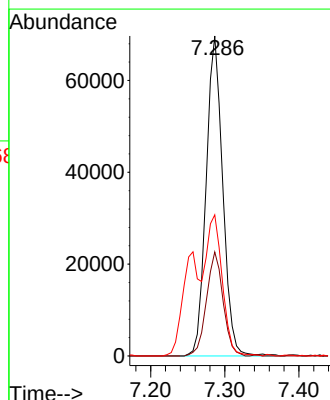
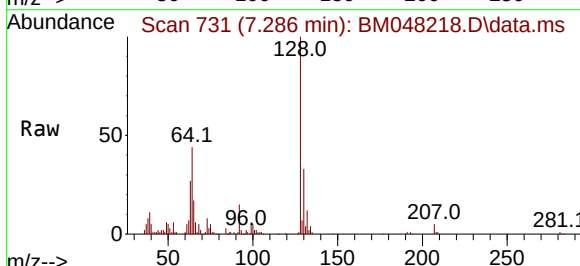
RT: 7.286 min Scan# 731

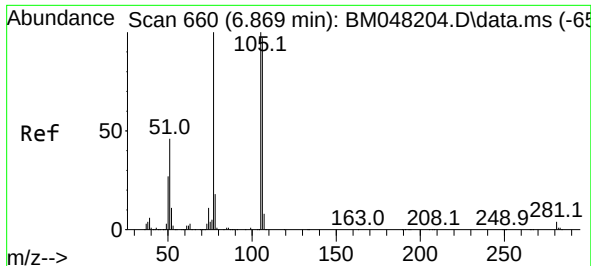
Delta R.T. -0.006 min

Lab File: BM048218.D

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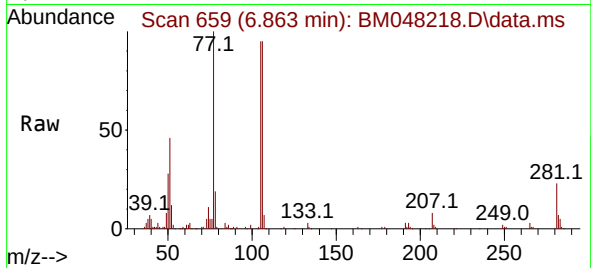
Tgt Ion:	128	Resp:	108447
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.1	52.1
64	44.1	23.8	63.8





#9
Benzaldehyde
Concen: 16.799 ng
RT: 6.863 min Scan# 660
Delta R.T. -0.006 min
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Acq: 24 Oct 2024 15:49

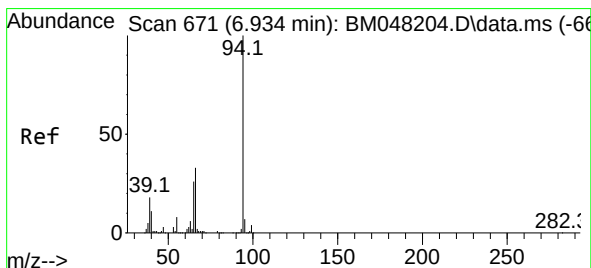
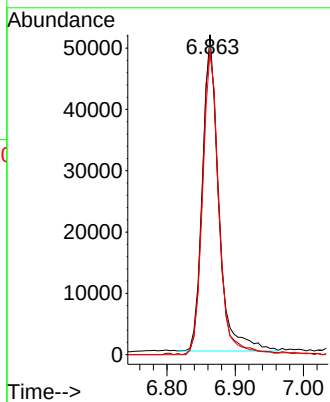
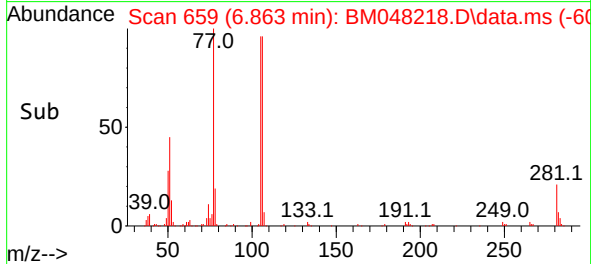
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 8523
Ion Ratio Lower Upper
77 100
105 95.0 79.6 119.6
106 94.8 77.0 117.0

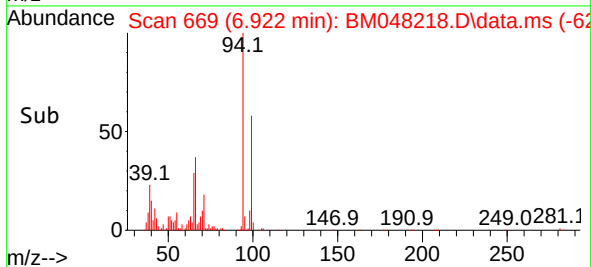
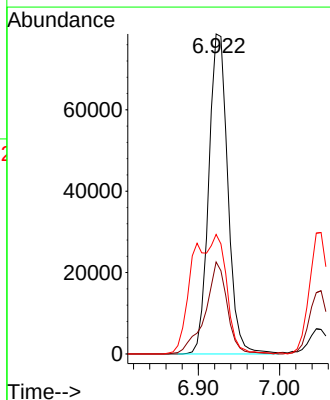
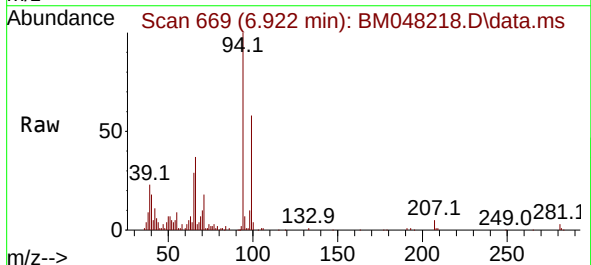
Manual Integrations
APPROVED

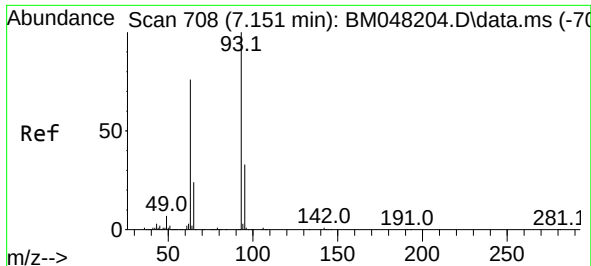
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#10
Phenol
Concen: 12.366 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

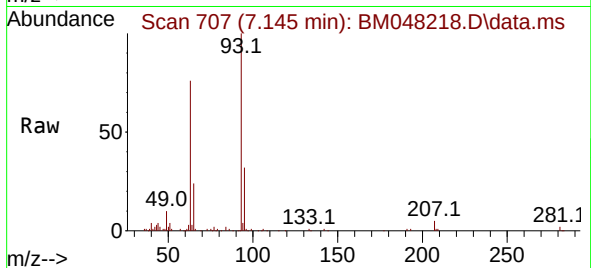
Tgt Ion: 94 Resp: 128479
Ion Ratio Lower Upper
94 100
65 28.8 6.5 46.5
66 37.3 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 12.318 ng
RT: 7.145 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

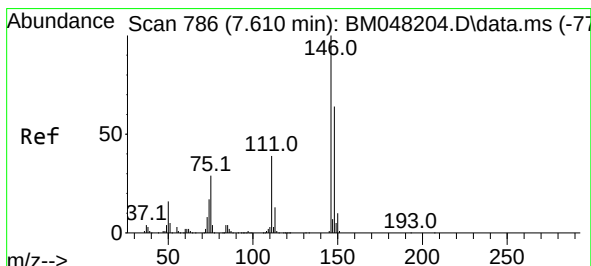
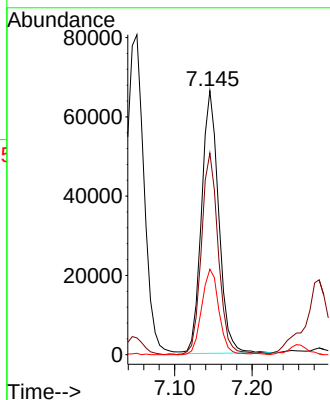
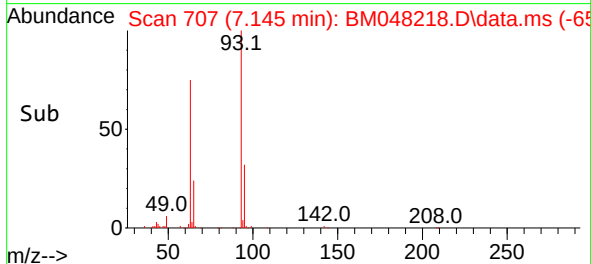
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 10193
Ion Ratio Lower Upper
93 100
63 76.4 55.3 95.3
95 32.4 12.4 52.4

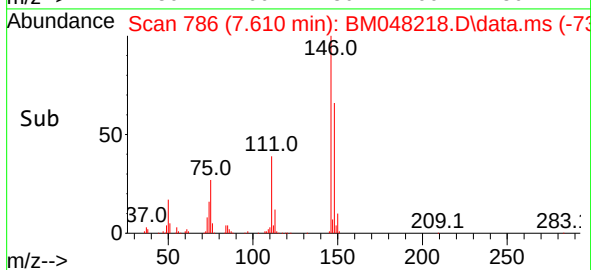
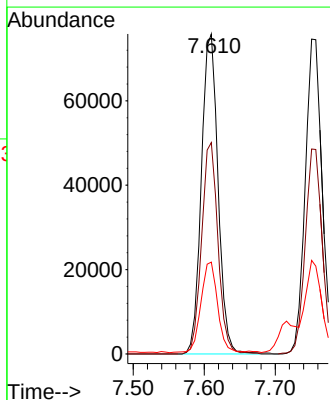
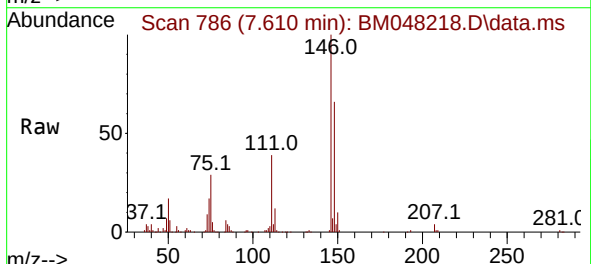
Manual Integrations
APPROVED

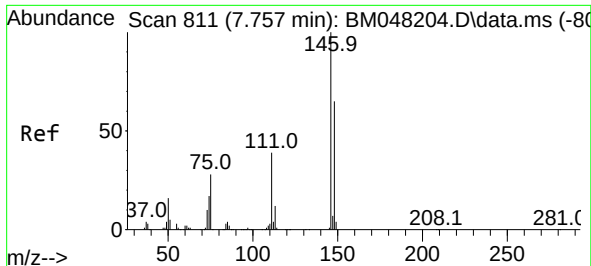
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#12
1,3-Dichlorobenzene
Concen: 12.479 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion:146 Resp: 123938
Ion Ratio Lower Upper
146 100
148 66.1 51.0 76.6
75 28.7 22.9 34.3





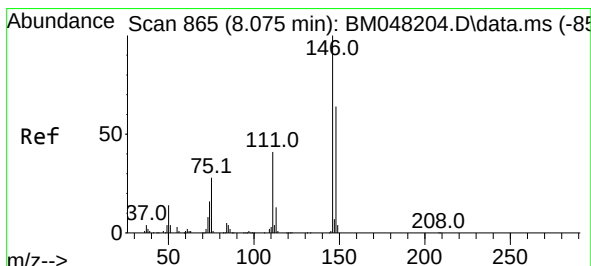
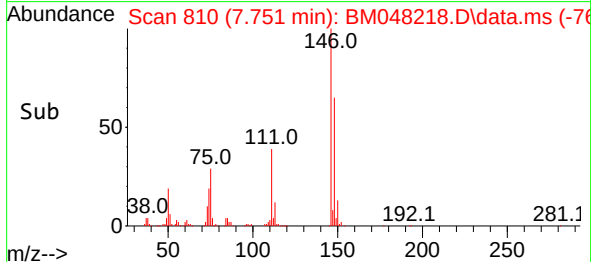
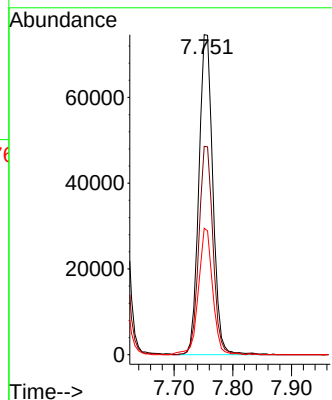
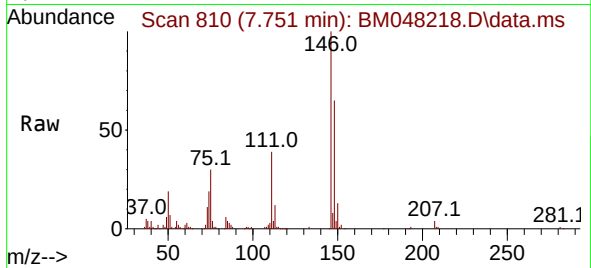
#13
1,4-Dichlorobenzene
Concen: 12.259 ng
RT: 7.751 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

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

Tgt Ion:146 Resp: 123689
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
111 39.5 31.4 47.2

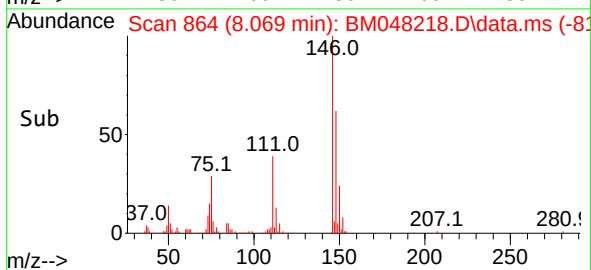
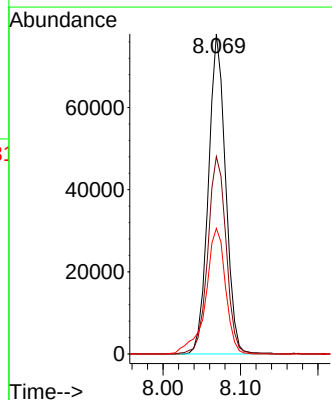
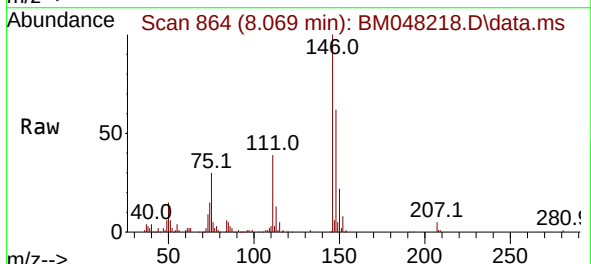
Manual Integrations
APPROVED

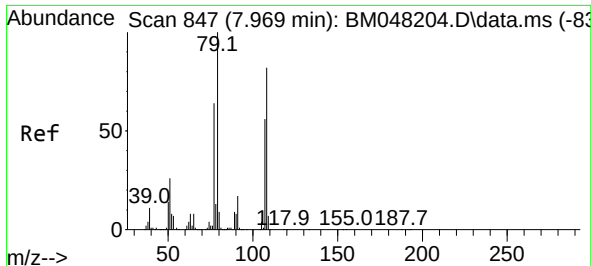
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#14
1,2-Dichlorobenzene
Concen: 12.303 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion:146 Resp: 119971
Ion Ratio Lower Upper
146 100
148 61.7 51.3 76.9
111 39.3 32.7 49.1





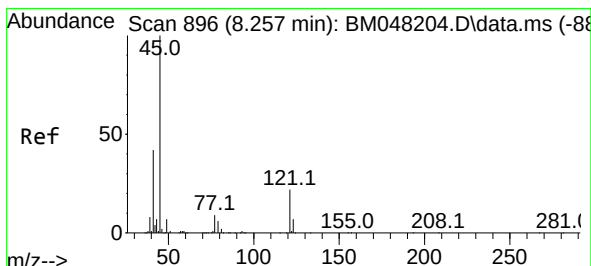
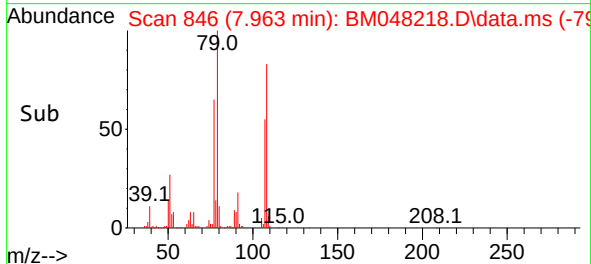
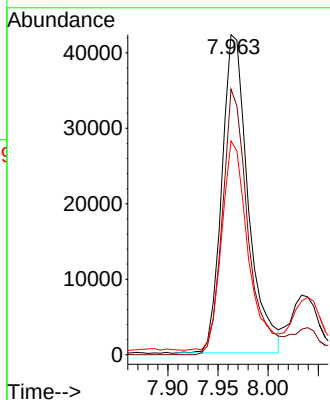
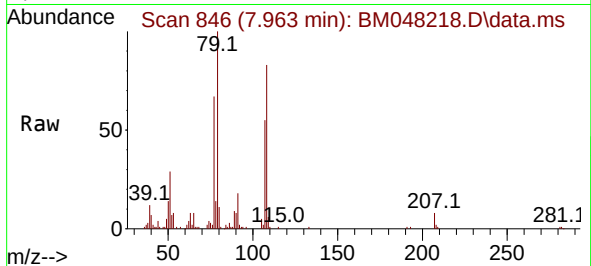
#15
Benzyl Alcohol
Concen: 11.733 ng
RT: 7.963 min Scan# 846
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

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

Tgt Ion: 79 Resp: 7729
Ion Ratio Lower Upper
79 100
108 83.0 65.2 97.8
77 66.8 51.4 77.2

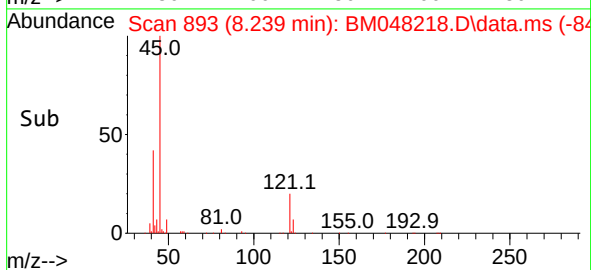
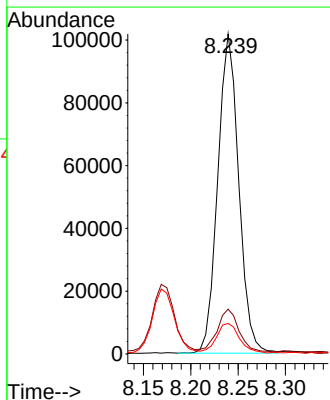
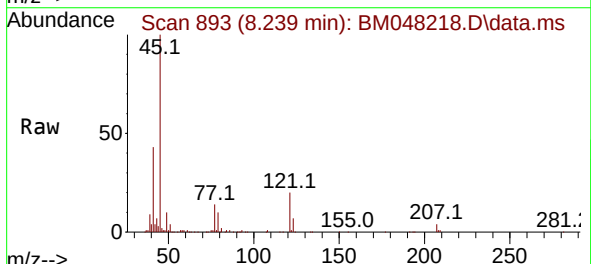
Manual Integrations
APPROVED

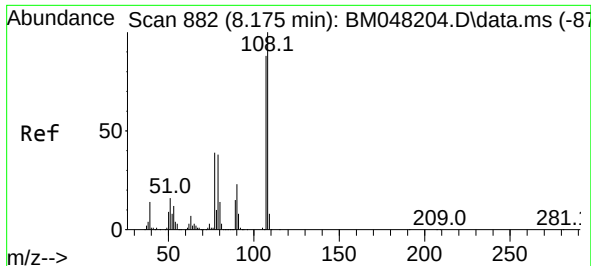
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.951 ng
RT: 8.239 min Scan# 893
Delta R.T. -0.018 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

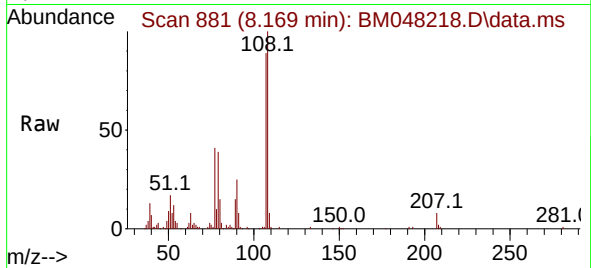
Tgt Ion: 45 Resp: 156763
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.2
79 9.5 0.0 30.7





#17
2-Methylphenol
Concen: 11.647 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

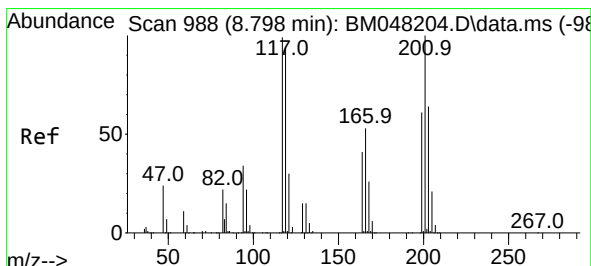
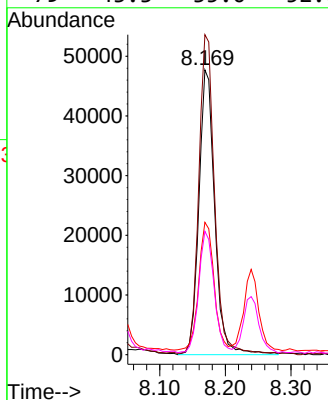
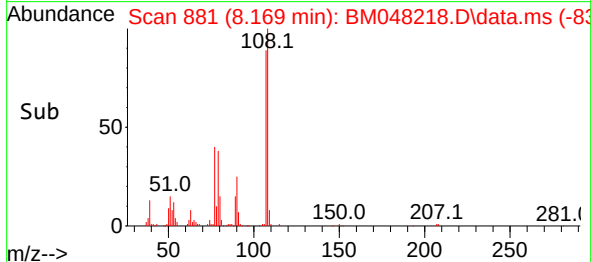
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:	107	Resp:	8040
Ion Ratio	Lower	Upper	
107	100		
108	112.4	91.3	136.9
77	46.5	36.2	54.2
79	43.3	35.0	52.6

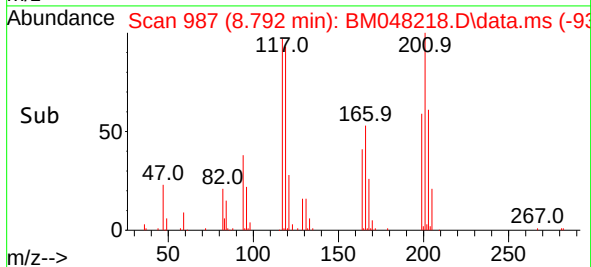
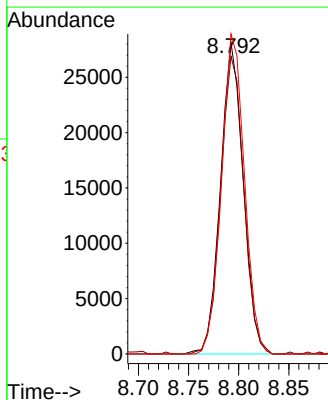
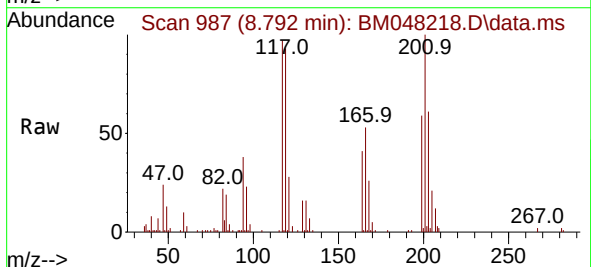
Manual Integrations
APPROVED

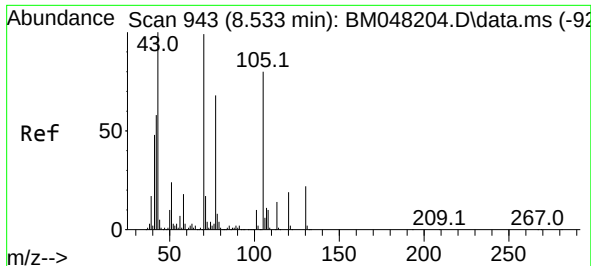
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#18
Hexachloroethane
Concen: 11.990 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

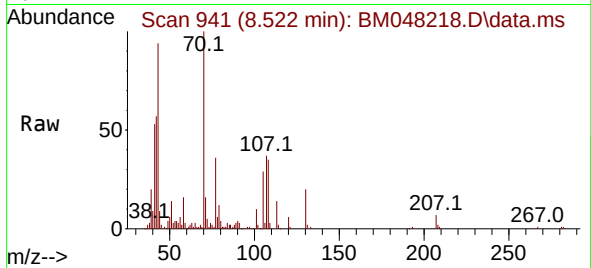
Tgt Ion:	117	Resp:	44341
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.5	114.7
201	102.8	80.9	121.3





#19
n-Nitroso-di-n-propylamine
Concen: 11.967 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.012 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

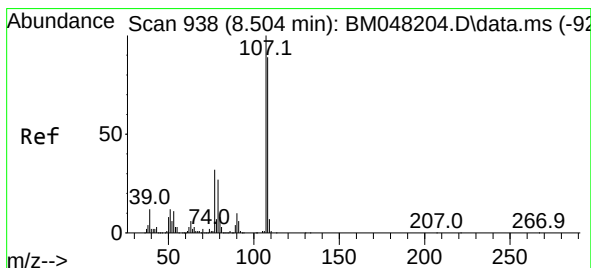
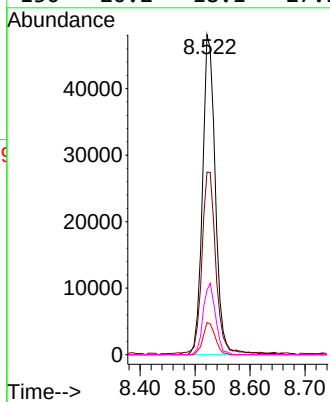
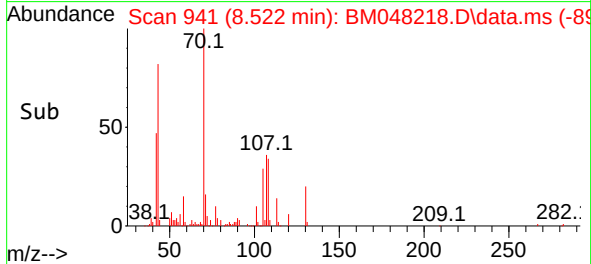
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 70 Resp: 78180
Ion Ratio Lower Upper
70 100
42 57.0 47.0 70.6
101 10.1 7.8 11.6
130 20.2 18.1 27.1

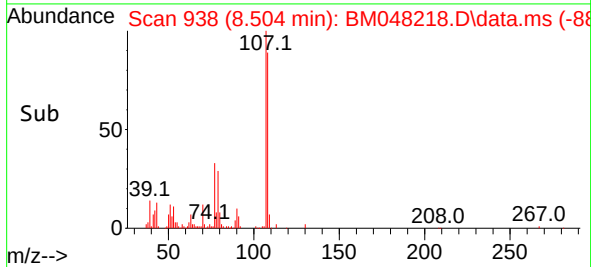
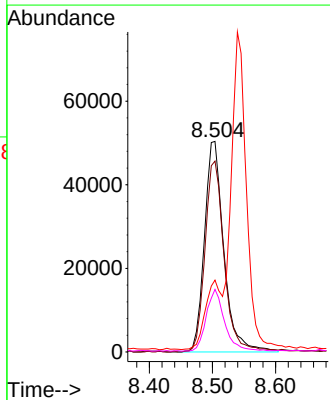
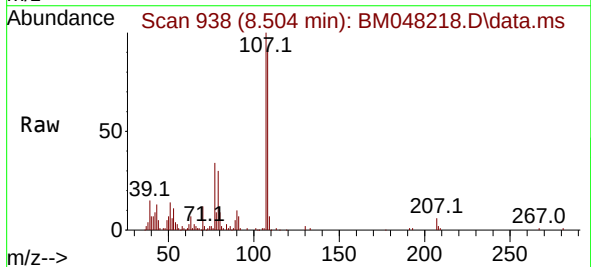
Manual Integrations
APPROVED

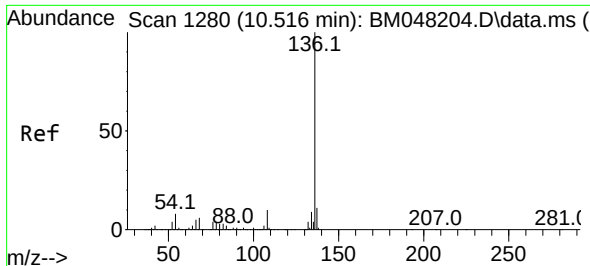
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#20
3+4-Methylphenols
Concen: 11.249 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

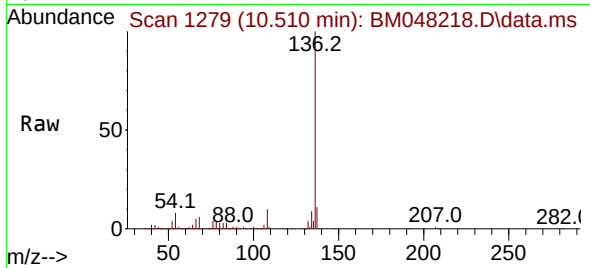
Tgt Ion:107 Resp: 107576
Ion Ratio Lower Upper
107 100
108 90.6 69.0 109.0
77 34.1 12.3 52.3
79 29.7 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

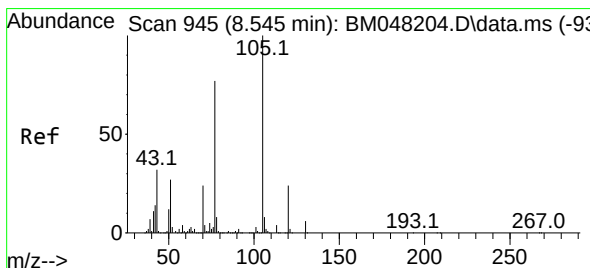
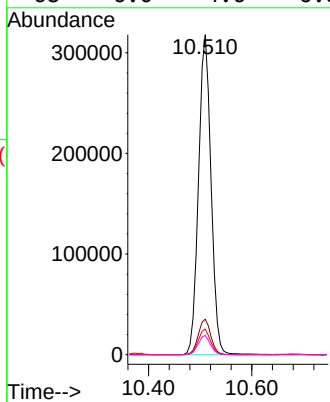
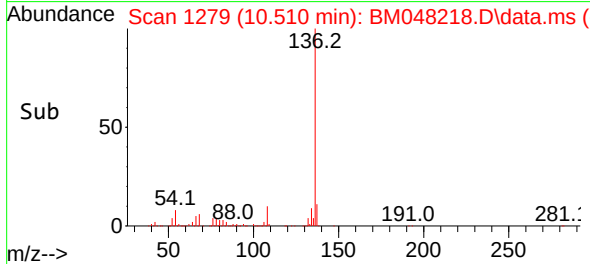
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 53391
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.0 6.5 9.7
68 6.0 4.6 6.8

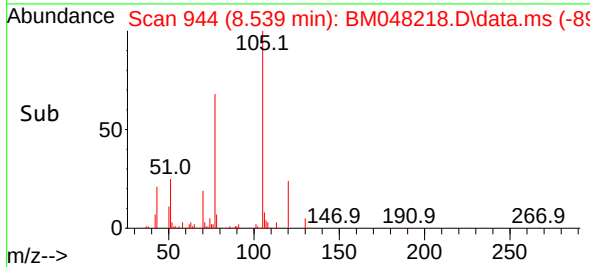
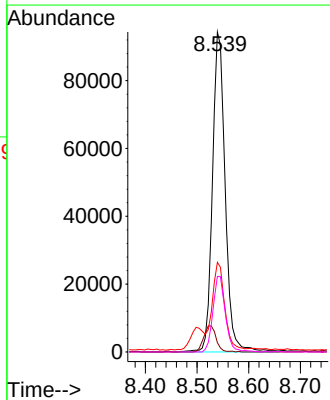
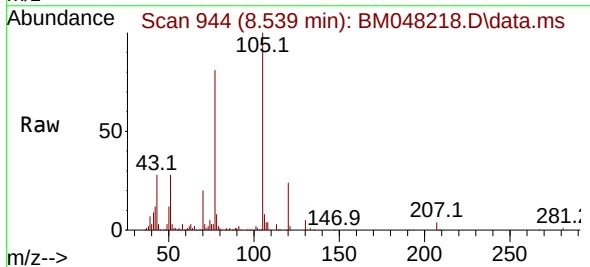
Manual Integrations
APPROVED

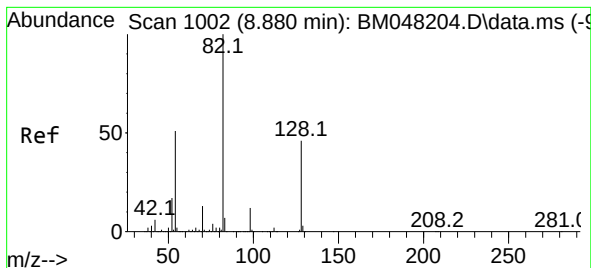
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#22
Acetophenone
Concen: 12.406 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion:105 Resp: 161658
Ion Ratio Lower Upper
105 100
71 2.9 3.4 5.0#
51 28.0 21.7 32.5
120 23.6 19.0 28.4





#23

Nitrobenzene-d5

Concen: 62.078 ng

RT: 8.875 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 82 Resp: 58701

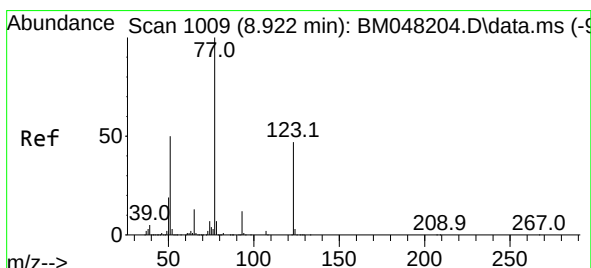
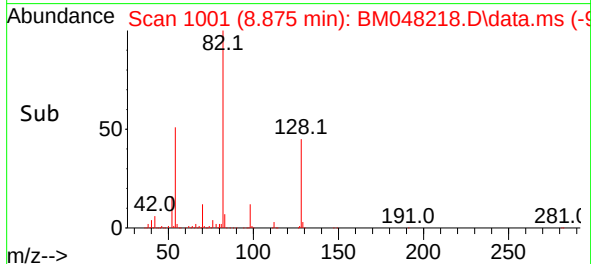
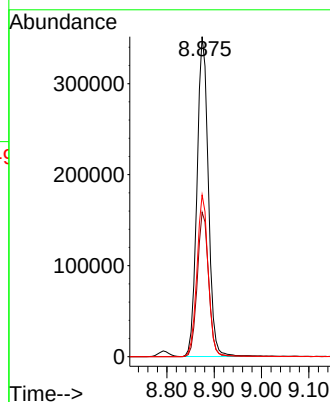
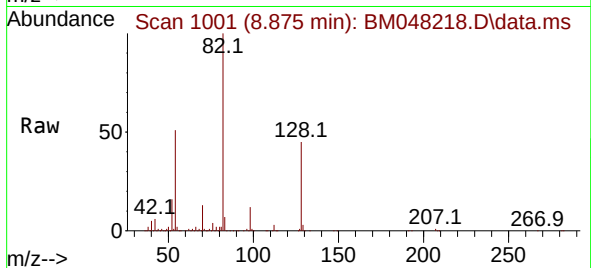
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	54.8
54	50.5	41.0	61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#24

Nitrobenzene

Concen: 11.651 ng

RT: 8.916 min Scan# 1008

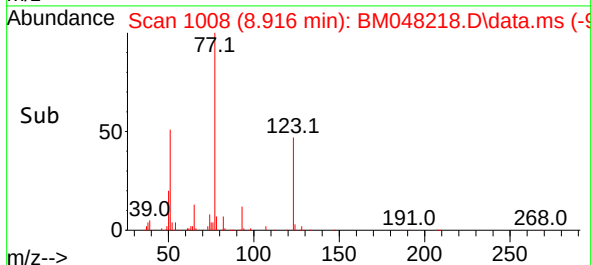
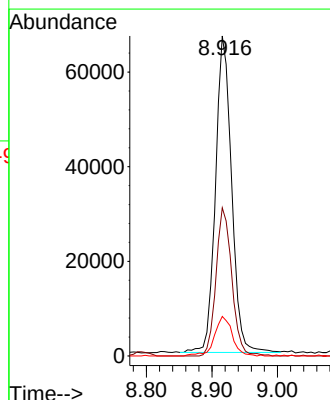
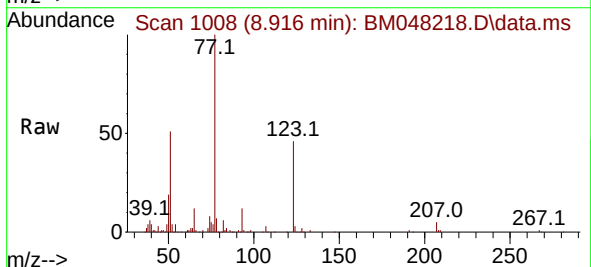
Delta R.T. -0.006 min

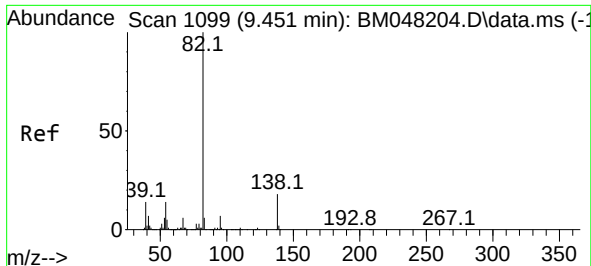
Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Tgt Ion: 77 Resp: 114153

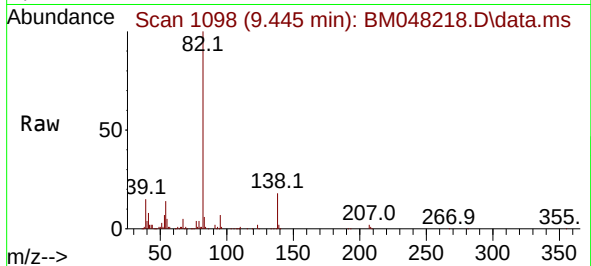
Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.8	56.6
65	12.4	10.4	15.6





#25
Isophorone
Concen: 11.815 ng
RT: 9.445 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

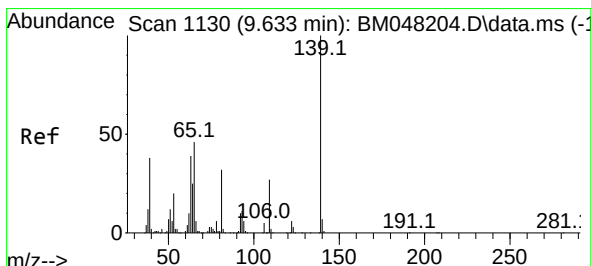
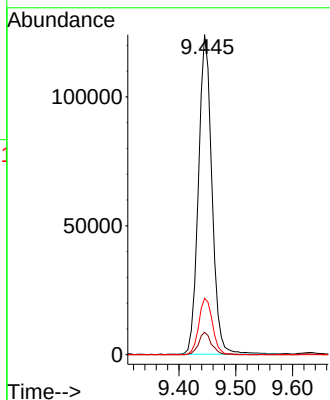
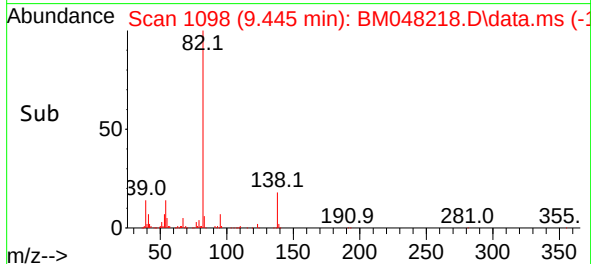
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 20478
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 17.7 14.3 21.5

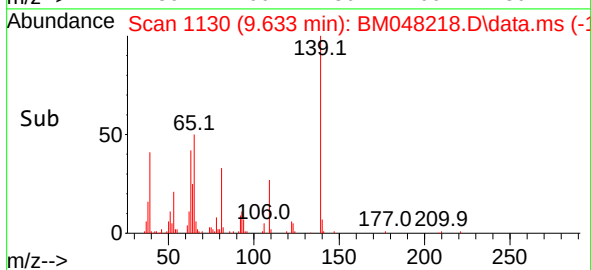
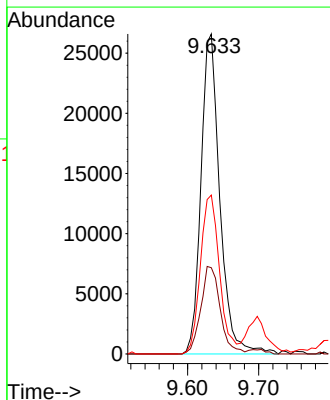
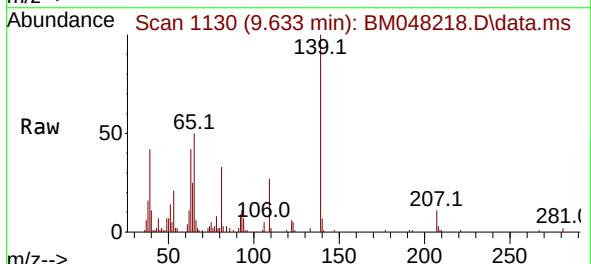
Manual Integrations
APPROVED

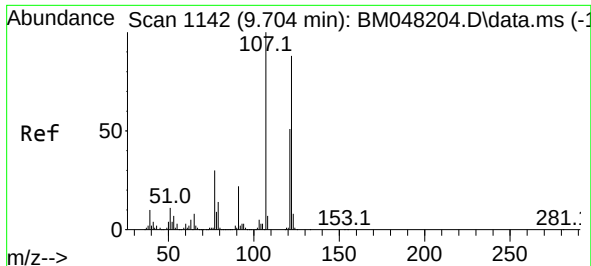
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#26
2-Nitrophenol
Concen: 10.897 ng
RT: 9.633 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

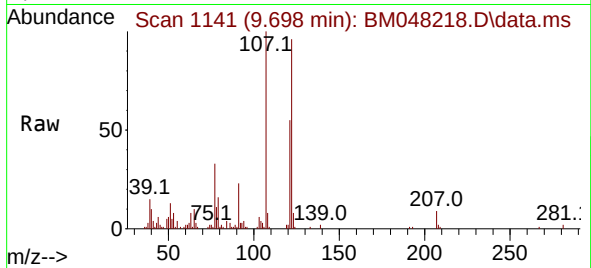
Tgt Ion:139 Resp: 49294
Ion Ratio Lower Upper
139 100
109 27.0 21.2 31.8
65 49.7 36.8 55.2





#27
2,4-Dimethylphenol
Concen: 8.445 ng
RT: 9.698 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

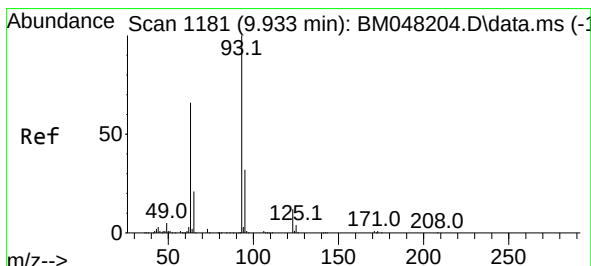
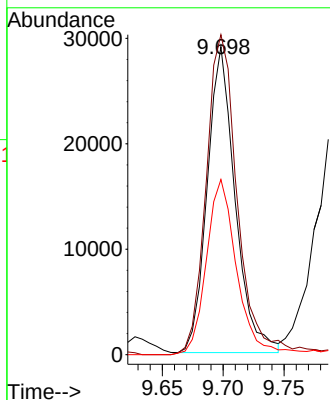
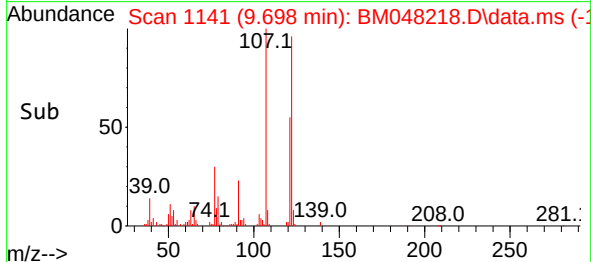
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:122 Resp: 46352
Ion Ratio Lower Upper
122 100
107 103.9 91.0 136.6
121 56.9 46.1 69.1

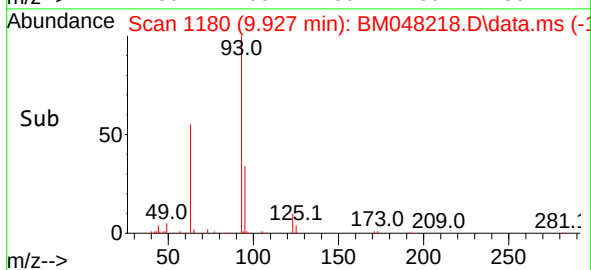
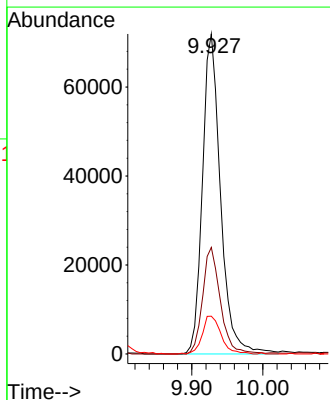
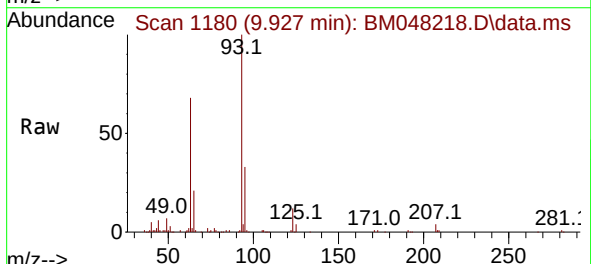
Manual Integrations
APPROVED

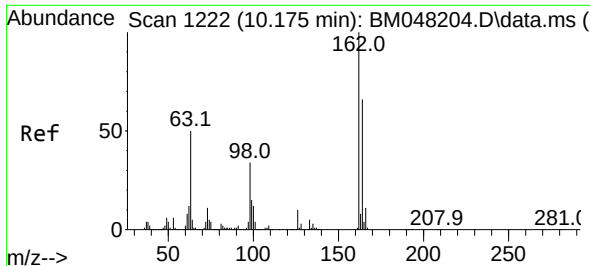
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#28
bis(2-Chloroethoxy)methane
Concen: 11.653 ng
RT: 9.927 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion: 93 Resp: 127809
Ion Ratio Lower Upper
93 100
95 33.3 25.3 37.9
123 11.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 11.247 ng

RT: 10.175 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BM048218.D

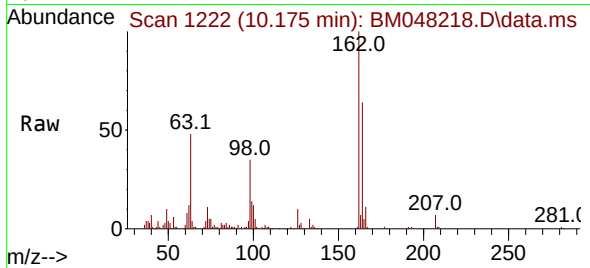
Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



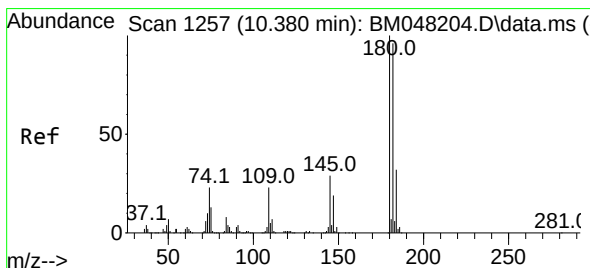
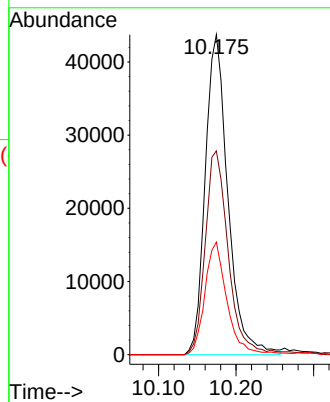
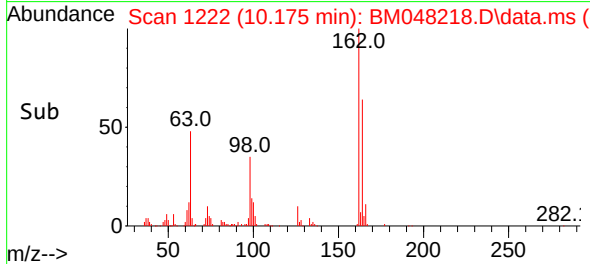
Tgt Ion:	162	Resp:	88799
Ion Ratio	Lower	Upper	
162	100		
164	63.7	46.0	86.0
98	35.2	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#30

1,2,4-Trichlorobenzene

Concen: 11.786 ng

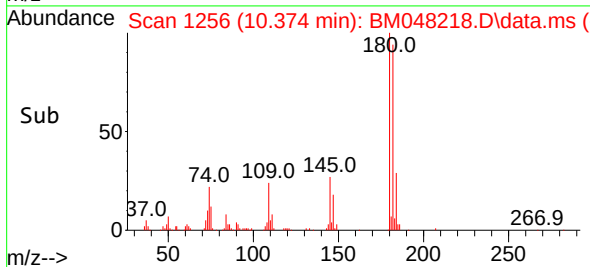
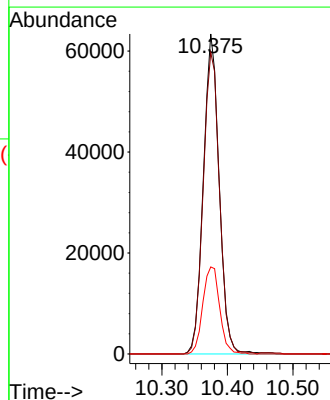
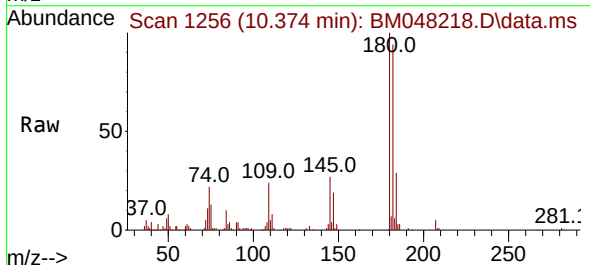
RT: 10.374 min Scan# 1256

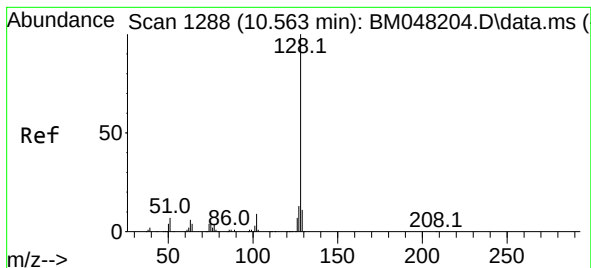
Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

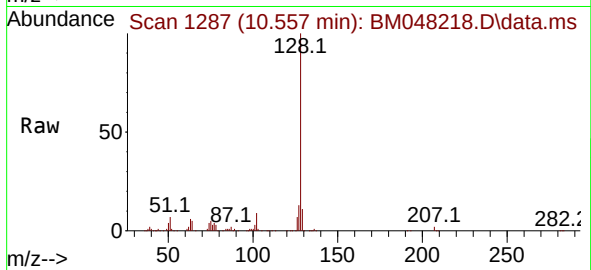
Tgt Ion:	180	Resp:	106569
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.6	115.0
145	27.2	23.4	35.2





#31
Naphthalene
Concen: 12.035 ng
RT: 10.557 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

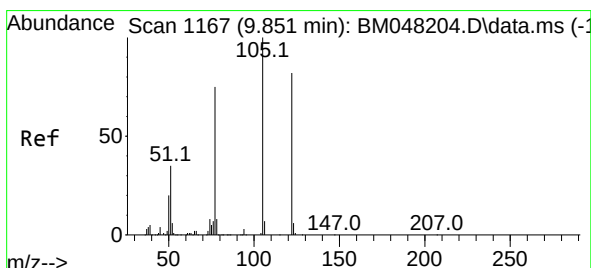
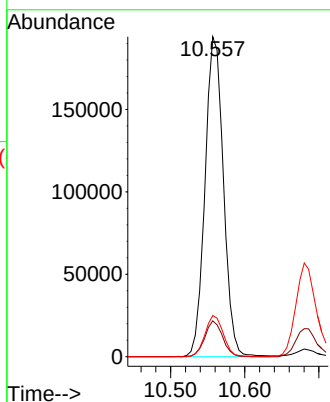
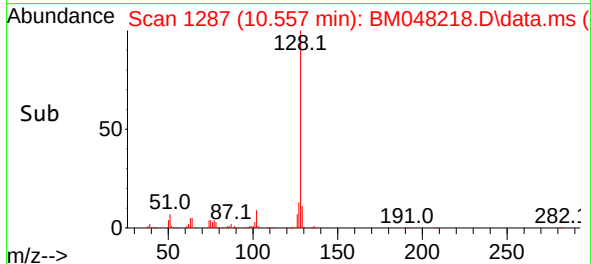
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 33512
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.9 10.2 15.2

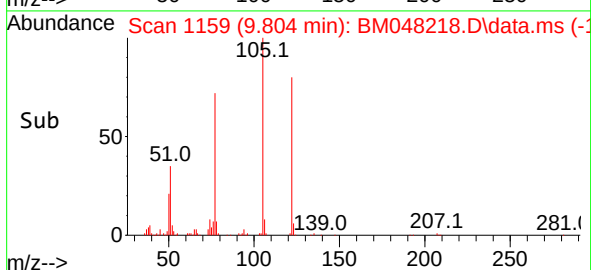
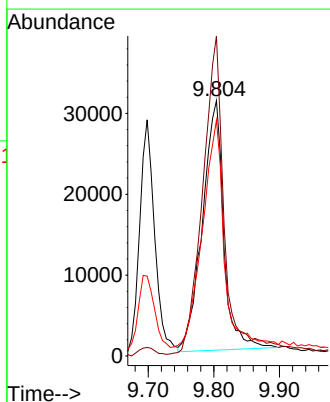
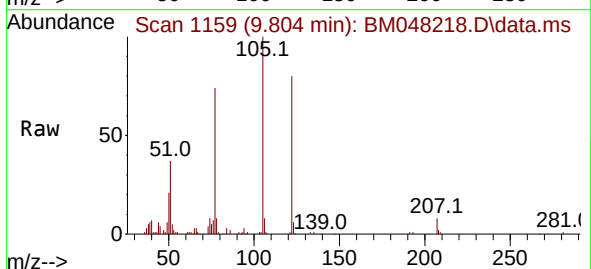
Manual Integrations
APPROVED

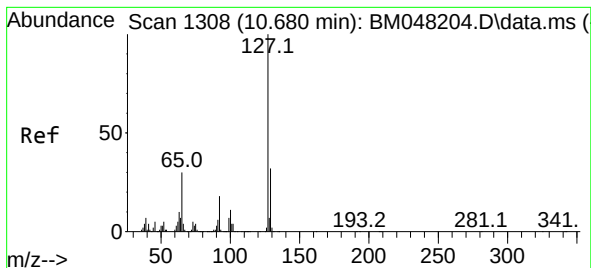
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#32
Benzoic acid
Concen: 11.459 ng
RT: 9.804 min Scan# 1159
Delta R.T. -0.047 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

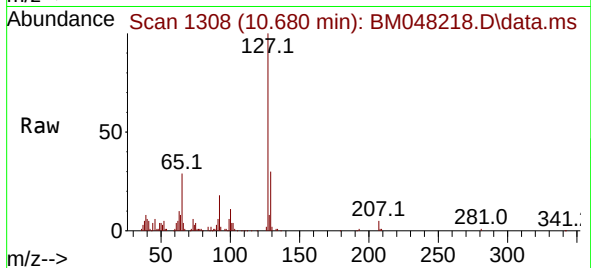
Tgt Ion:122 Resp: 70007
Ion Ratio Lower Upper
122 100
105 125.3 99.3 139.3
77 92.4 70.4 110.4





#33
4-Chloroaniline
Concen: 12.733 ng
RT: 10.680 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

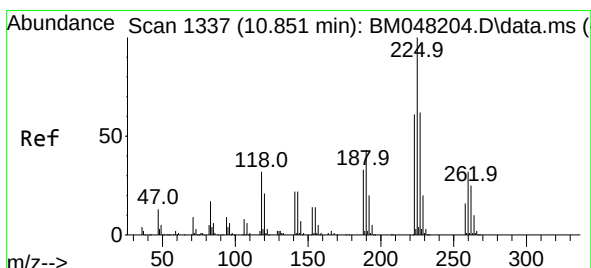
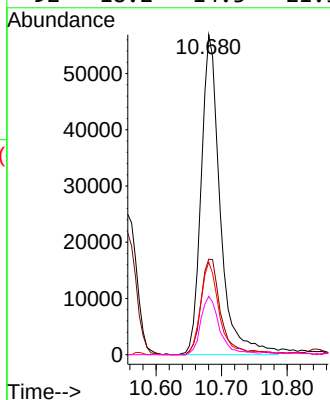
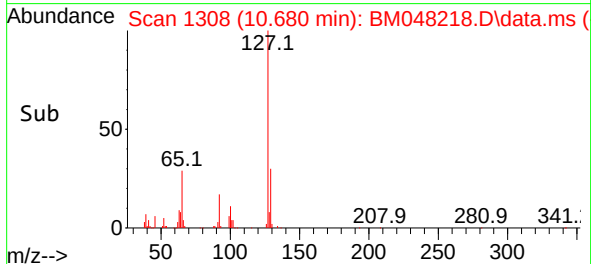
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:127 Resp: 114995
Ion Ratio Lower Upper
127 100
129 29.8 25.8 38.6
65 28.9 23.7 35.5
92 18.2 14.3 21.5

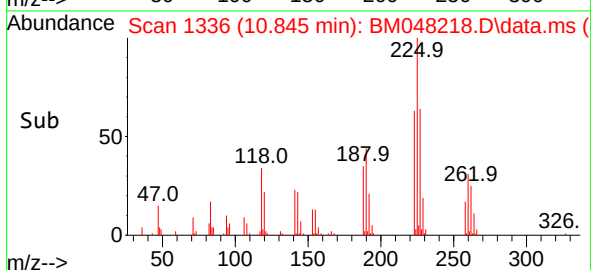
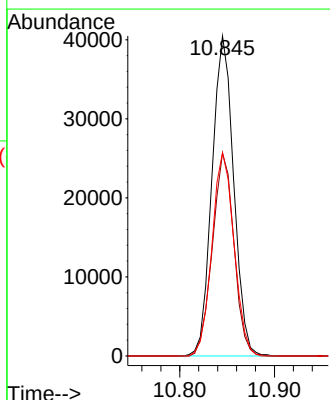
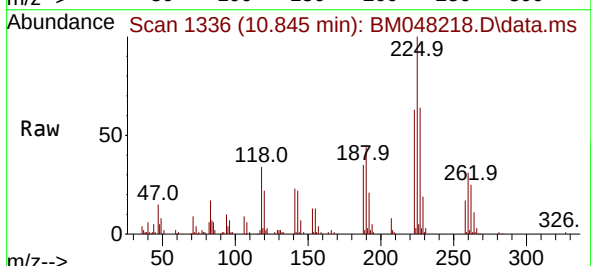
Manual Integrations
APPROVED

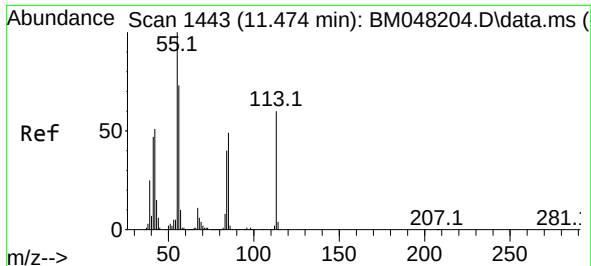
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#34
Hexachlorobutadiene
Concen: 11.476 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

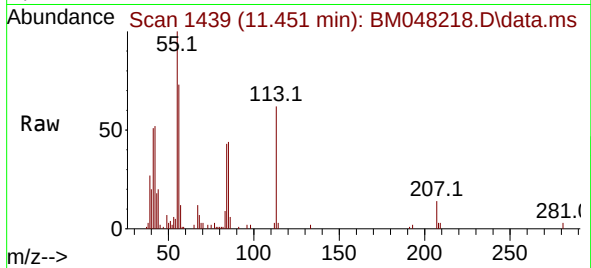
Tgt Ion:225 Resp: 64315
Ion Ratio Lower Upper
225 100
223 63.4 48.6 73.0
227 63.6 49.6 74.4





#35
Caprolactam
Concen: 10.564 ng
RT: 11.451 min Scan# 1443
Delta R.T. -0.024 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

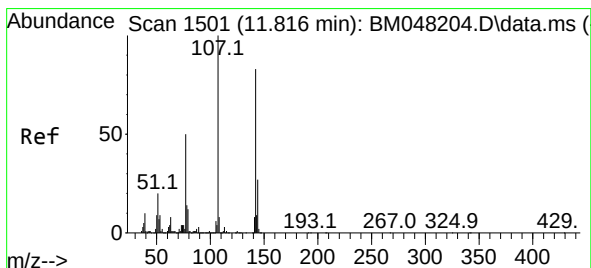
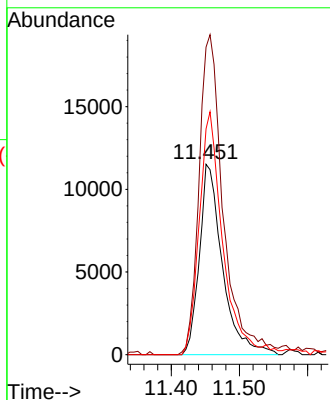
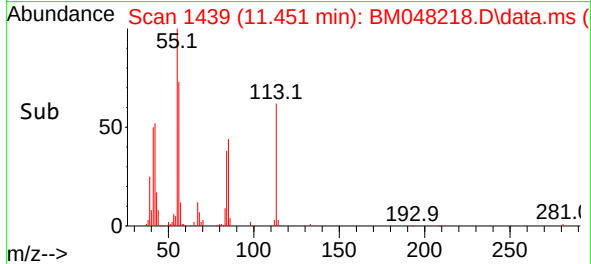
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



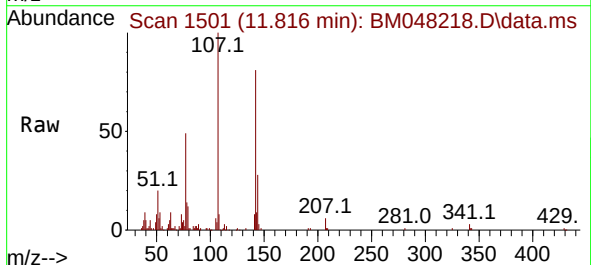
Tgt Ion:113 Resp: 27094
Ion Ratio Lower Upper
113 100
55 161.5 146.1 186.1
56 118.6 101.9 141.9

Manual Integrations
APPROVED

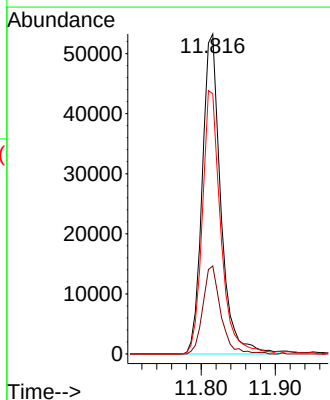
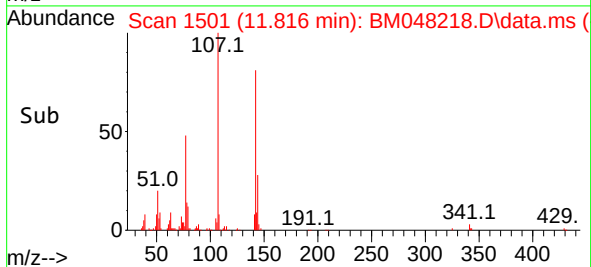
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

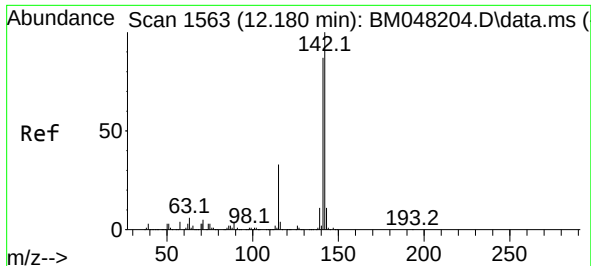


#36
4-Chloro-3-methylphenol
Concen: 11.246 ng
RT: 11.816 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



Tgt Ion:107 Resp: 92688
Ion Ratio Lower Upper
107 100
144 27.5 21.5 32.3
142 81.3 66.8 100.2





#37

2-Methylnaphthalene

Concen: 11.901 ng

RT: 12.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

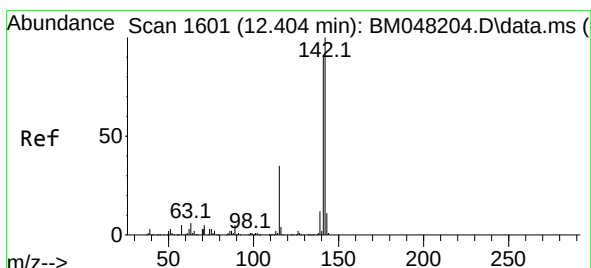
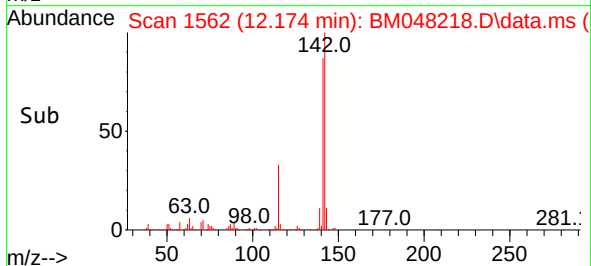
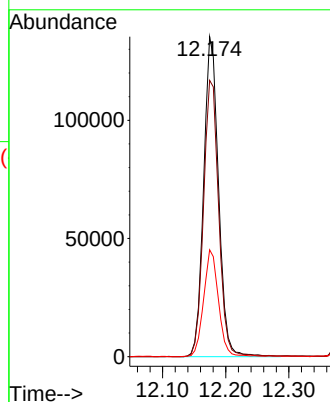
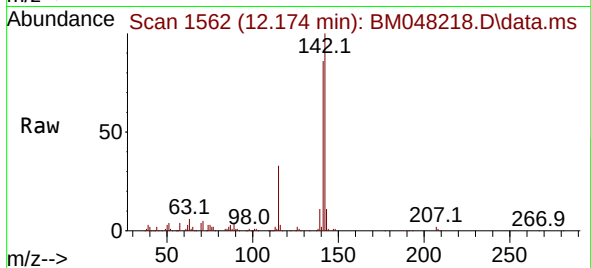
Tgt Ion:142 Resp: 221430
 Ion Ratio Lower Upper
 142 100
 141 86.4 69.8 104.6
 115 33.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#38

1-Methylnaphthalene

Concen: 11.194 ng

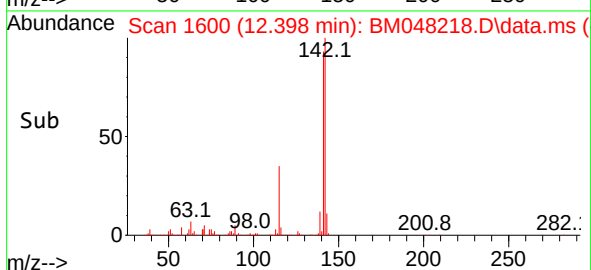
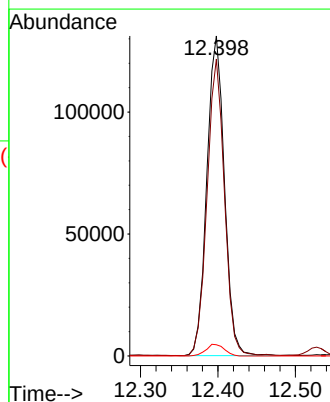
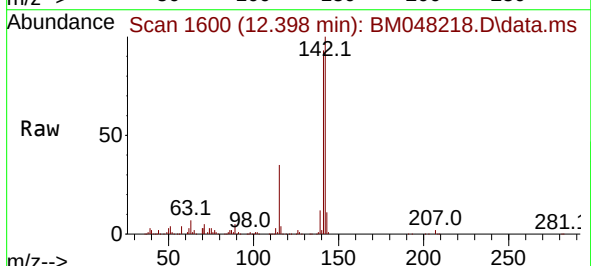
RT: 12.398 min Scan# 1600

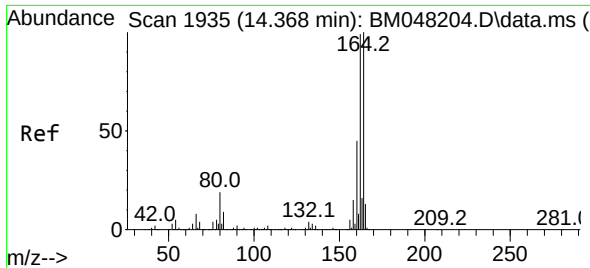
Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

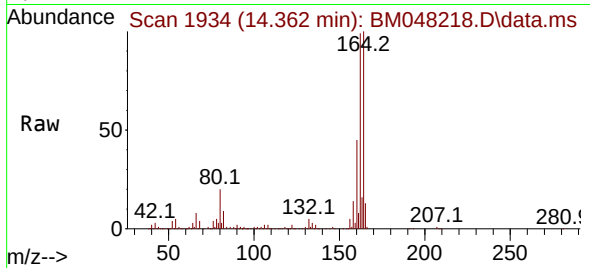
Tgt Ion:142 Resp: 206529
 Ion Ratio Lower Upper
 142 100
 141 92.8 72.7 109.1
 116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.362 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

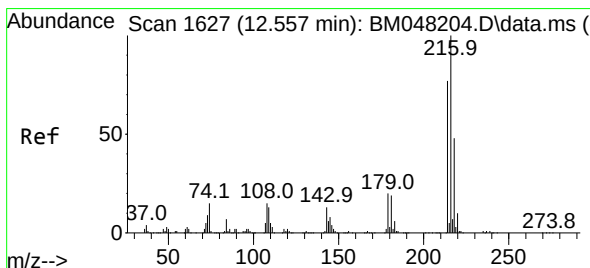
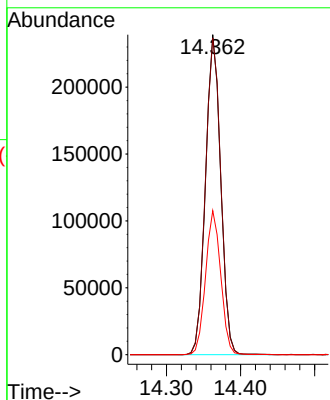
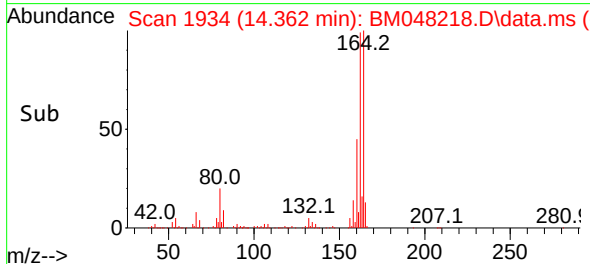
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



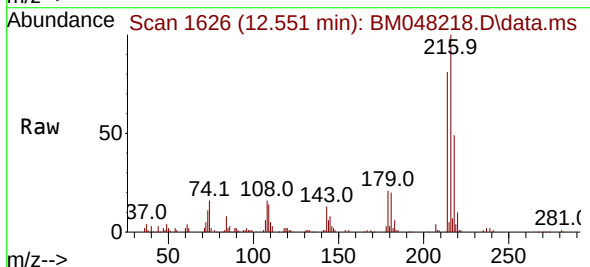
Tgt Ion:164 Resp: 33915
Ion Ratio Lower Upper
164 100
162 99.0 79.1 118.7
160 45.0 35.8 53.8

Manual Integrations
APPROVED

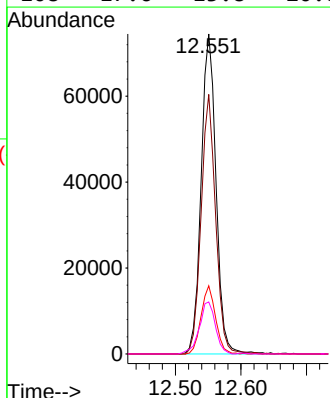
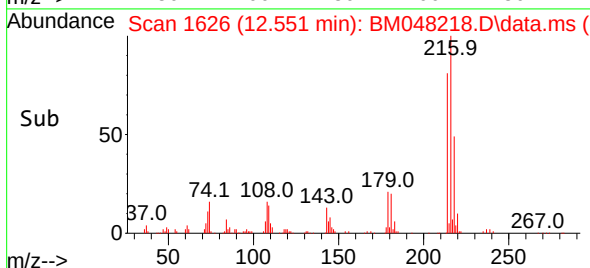
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

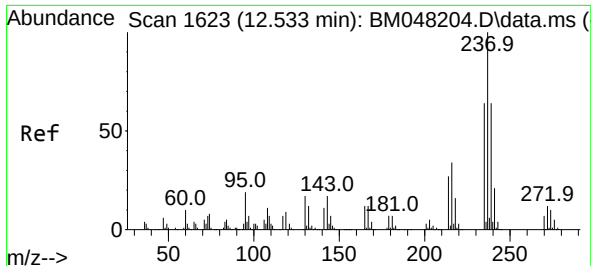


#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.138 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



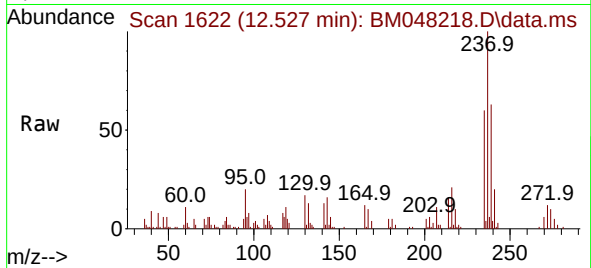
Tgt Ion:216 Resp: 117663
Ion Ratio Lower Upper
216 100
214 79.1 62.2 93.2
179 20.8 16.0 24.0
108 17.6 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 12.891 ng
RT: 12.527 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

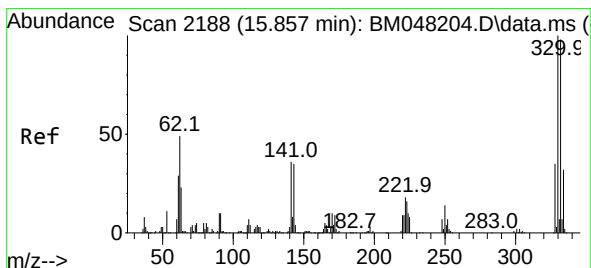
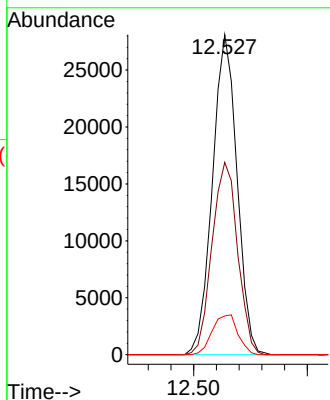
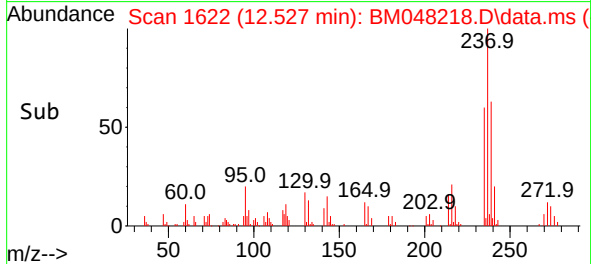
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:237 Resp: 4228
Ion Ratio Lower Upper
237 100
235 60.1 44.2 84.2
272 12.1 0.0 32.4

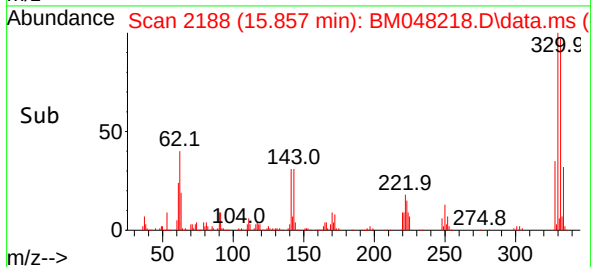
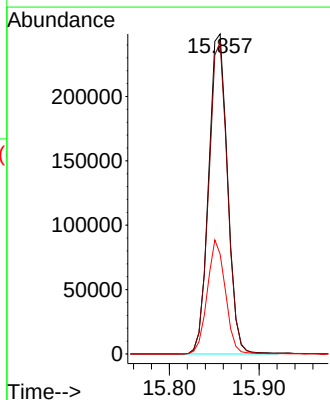
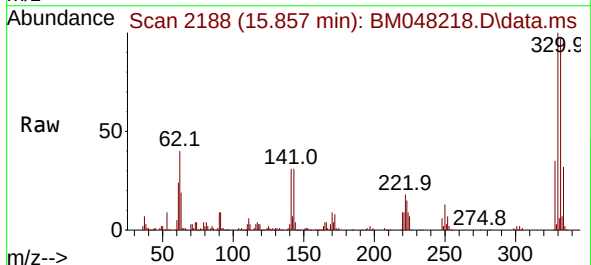
Manual Integrations
APPROVED

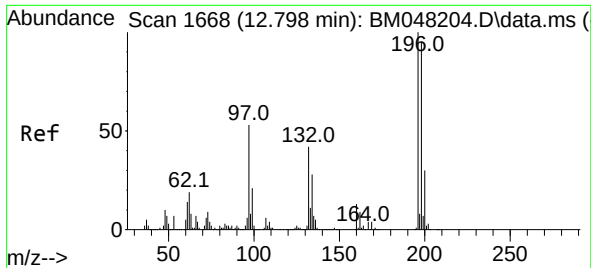
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#42
2,4,6-Tribromophenol
Concen: 87.547 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

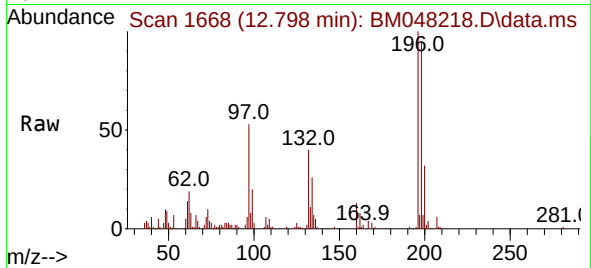
Tgt Ion:330 Resp: 363436
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 34.1 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 11.431 ng
RT: 12.798 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

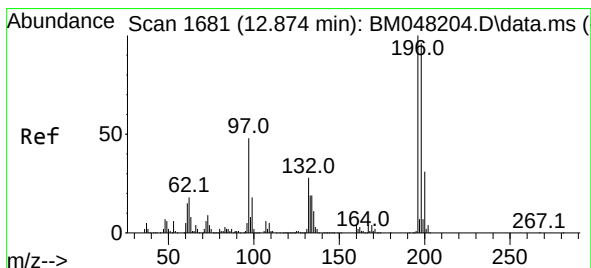
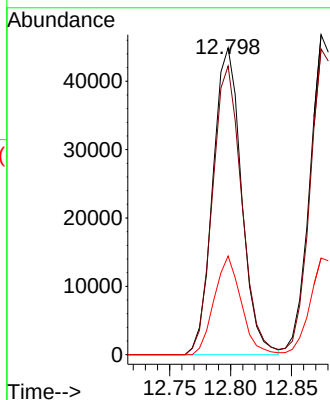
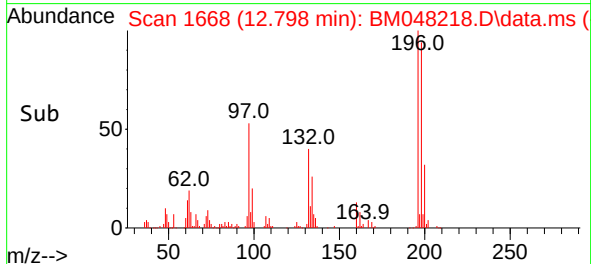
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



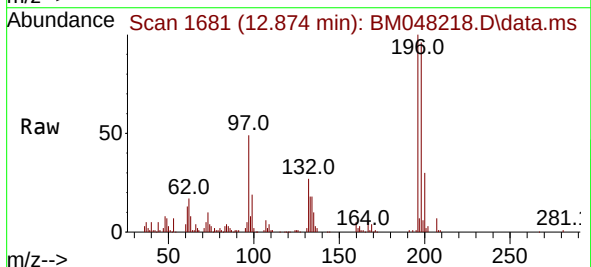
Tgt Ion:196 Resp: 7353
Ion Ratio Lower Upper
196 100
198 94.1 76.2 114.2
200 32.2 24.2 36.2

Manual Integrations
APPROVED

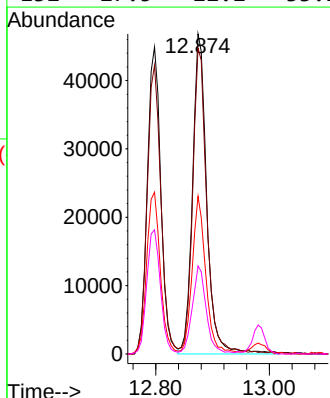
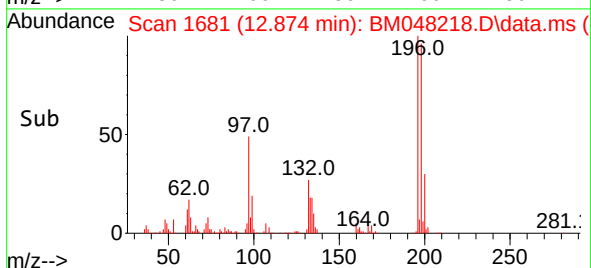
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

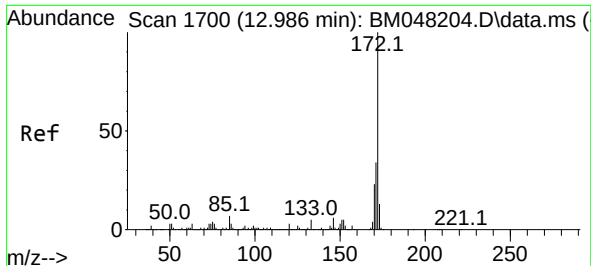


#44
2,4,5-Trichlorophenol
Concen: 11.384 ng
RT: 12.874 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



Tgt Ion:196 Resp: 81670
Ion Ratio Lower Upper
196 100
198 95.6 76.7 115.1
97 49.2 38.5 57.7
132 27.5 22.2 33.2





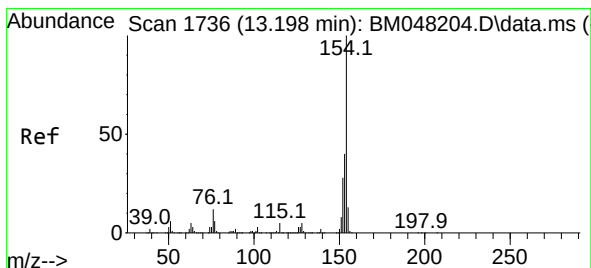
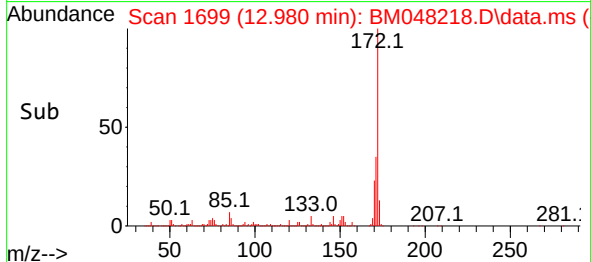
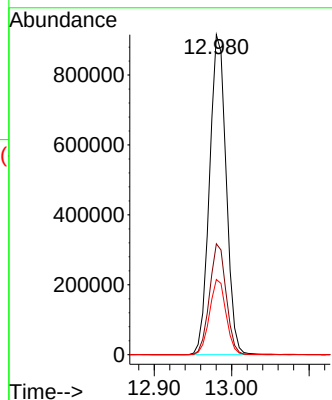
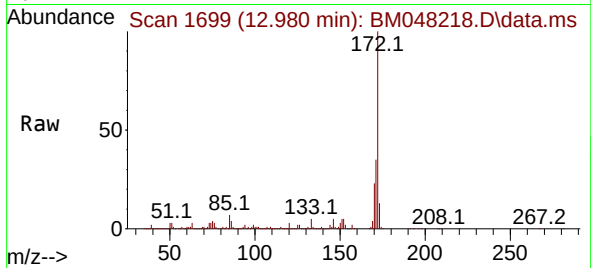
#45
2-Fluorobiphenyl
Concen: 61.863 ng
RT: 12.980 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

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

Tgt Ion:172 Resp: 1367312
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.5 18.5 27.7

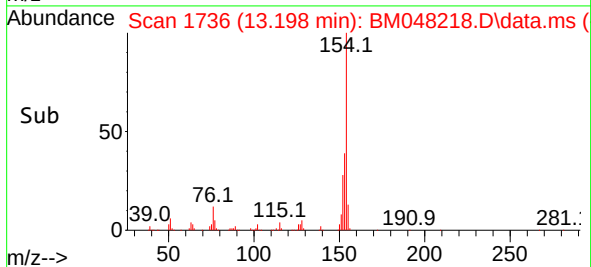
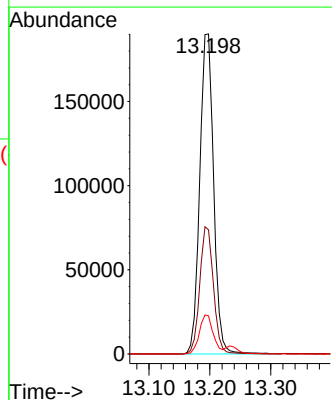
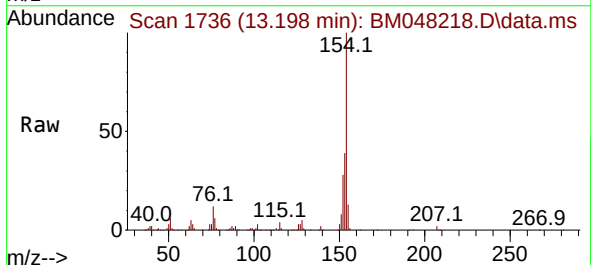
Manual Integrations
APPROVED

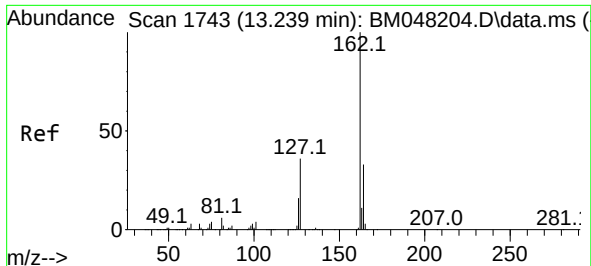
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#46
1,1'-Biphenyl
Concen: 12.400 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

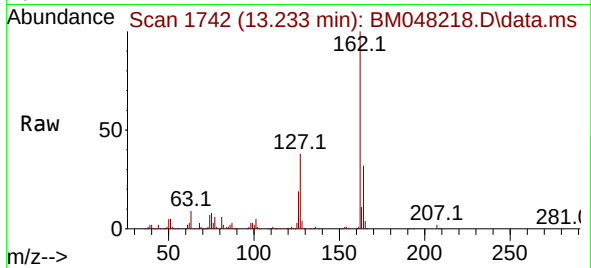
Tgt Ion:154 Resp: 300268
Ion Ratio Lower Upper
154 100
153 38.8 19.9 59.9
76 11.9 0.0 32.4





#47
2-Chloronaphthalene
Concen: 11.774 ng
RT: 13.233 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

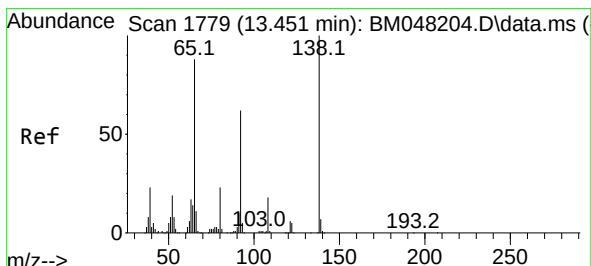
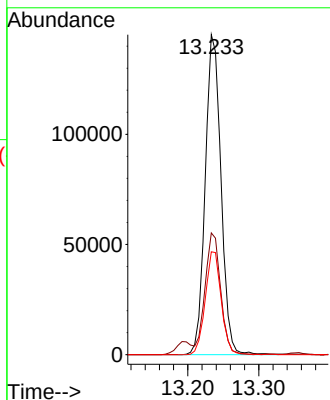
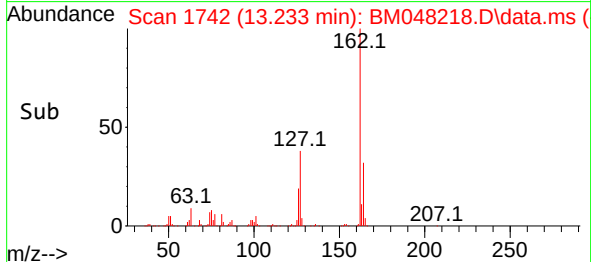
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:162 Resp: 22480
Ion Ratio Lower Upper
162 100
127 38.0 31.0 46.6
164 32.2 26.2 39.4

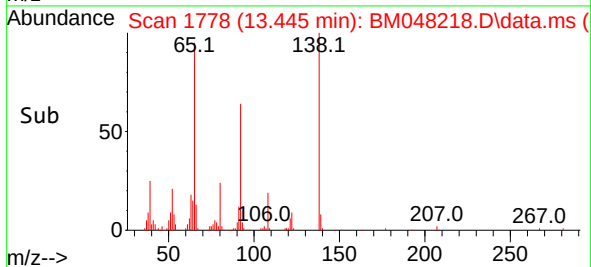
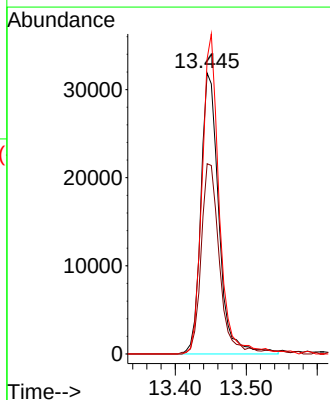
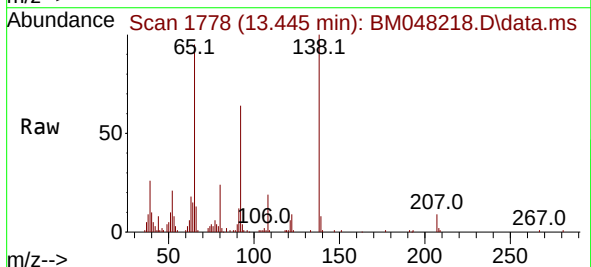
Manual Integrations
APPROVED

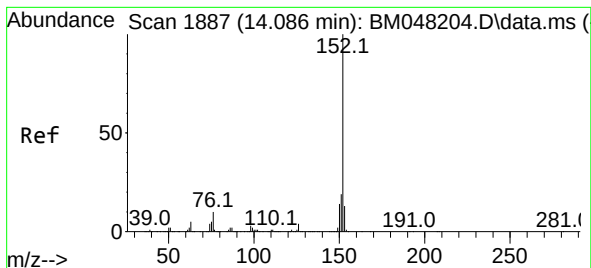
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#48
2-Nitroaniline
Concen: 10.827 ng
RT: 13.445 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion: 65 Resp: 56065
Ion Ratio Lower Upper
65 100
92 67.8 56.0 84.0
138 105.2 90.8 136.2





#49

Acenaphthylene

Concen: 12.710 ng

RT: 14.086 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BM048218.D

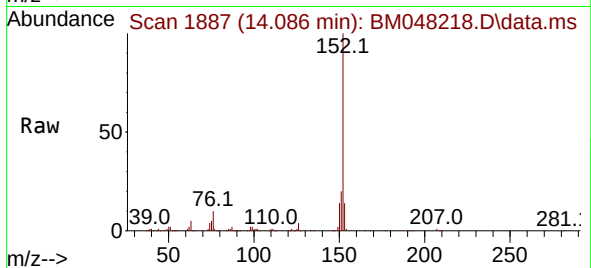
Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



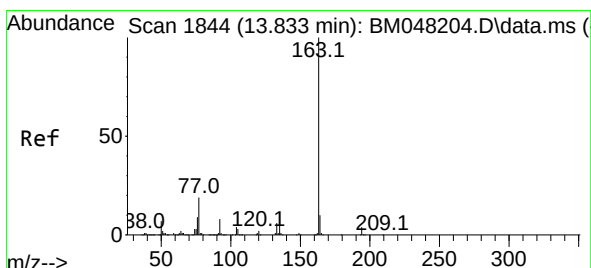
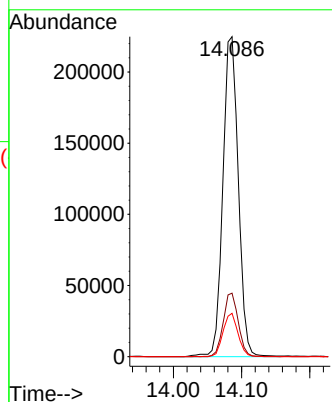
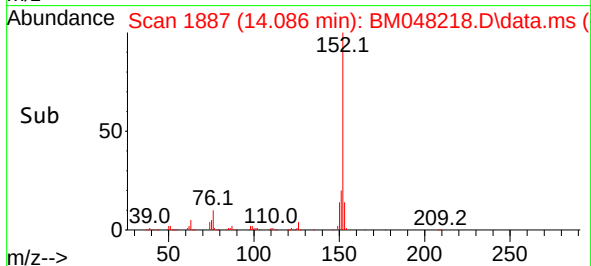
Tgt Ion:	152	Resp:	354030
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.4	23.2
153	13.5	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#50

Dimethylphthalate

Concen: 12.018 ng

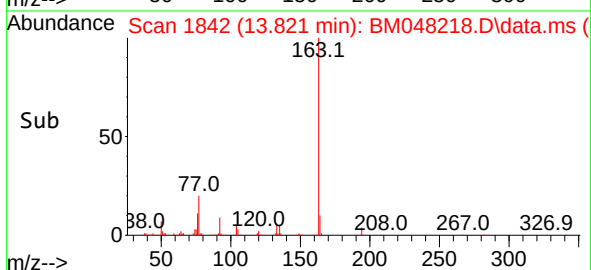
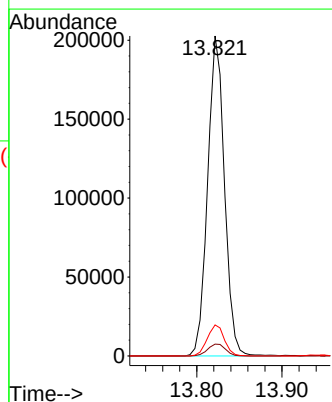
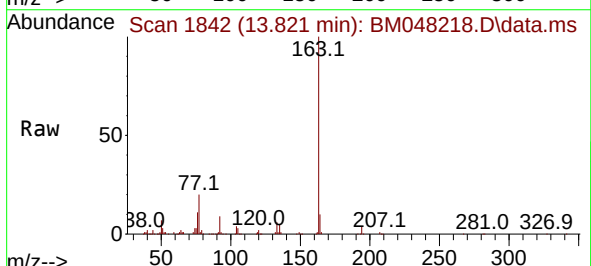
RT: 13.821 min Scan# 1842

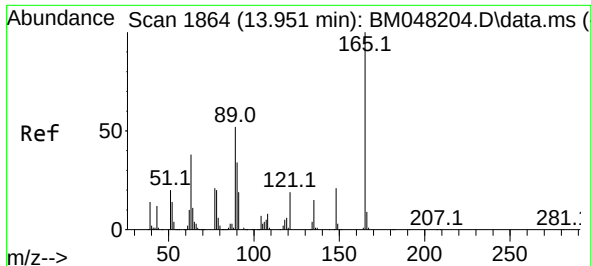
Delta R.T. -0.012 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

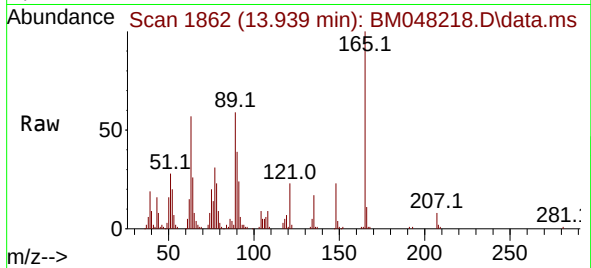
Tgt Ion:	163	Resp:	278251
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.7	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 10.804 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

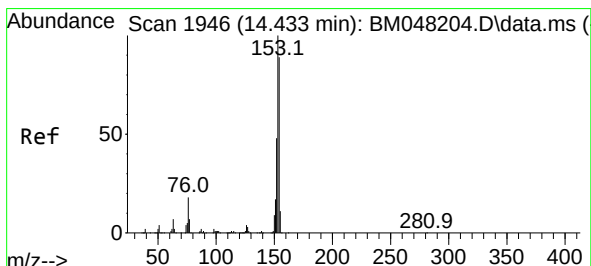
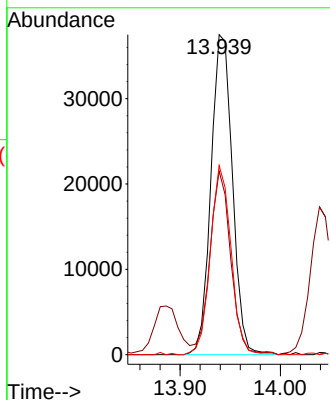
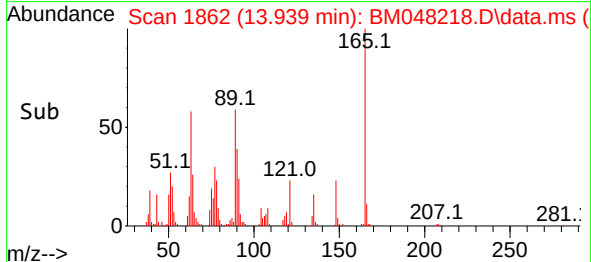
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 55812
Ion Ratio Lower Upper
165 100
63 57.3 39.5 59.3
89 59.1 41.8 62.6

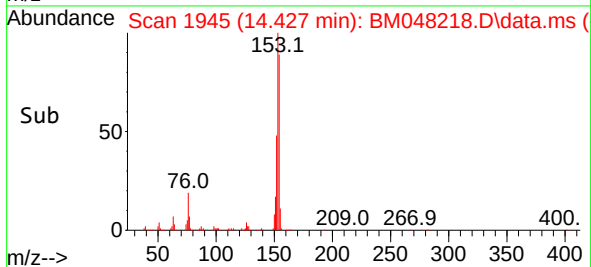
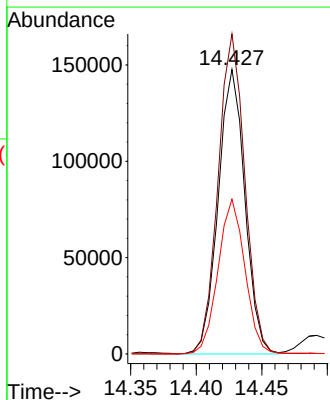
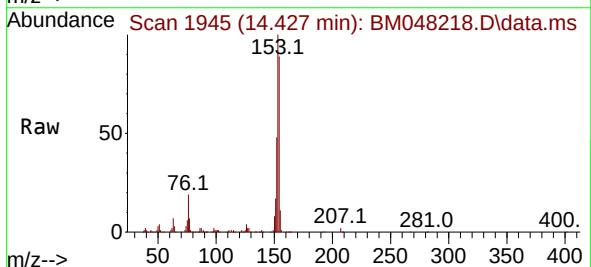
Manual Integrations
APPROVED

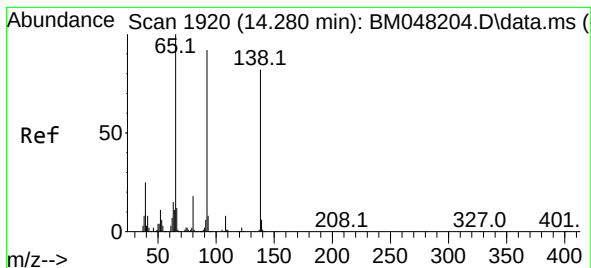
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#52
Acenaphthene
Concen: 11.804 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion:154 Resp: 208911
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 54.4 43.6 65.4





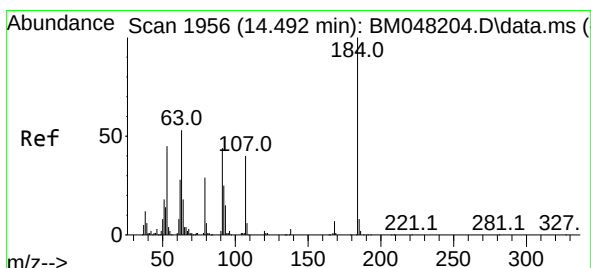
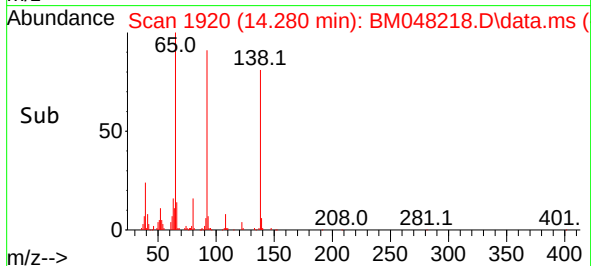
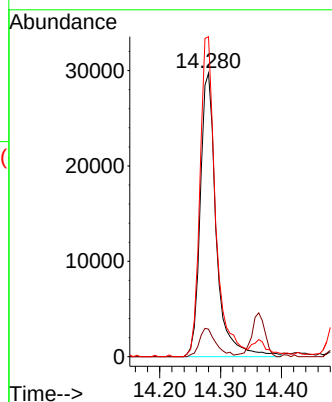
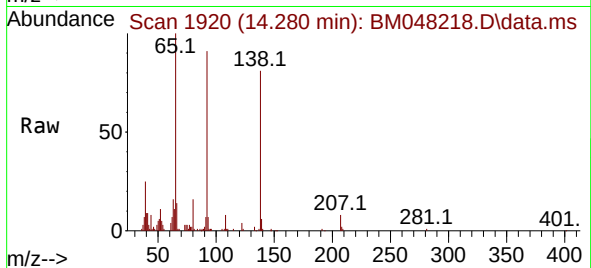
#53
3-Nitroaniline
Concen: 11.150 ng
RT: 14.280 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

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

Tgt Ion:138 Resp: 54324
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 112.8 89.7 134.5

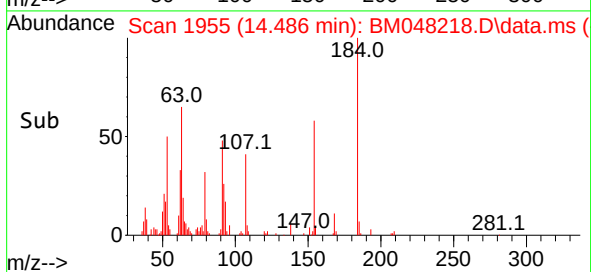
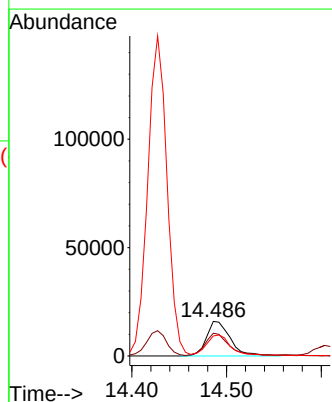
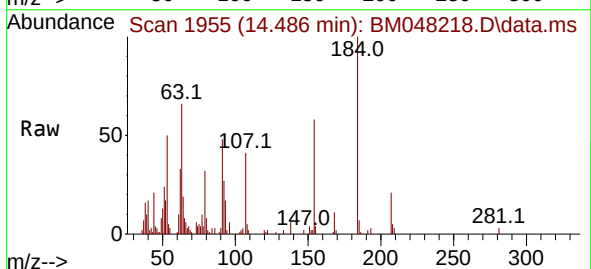
Manual Integrations
APPROVED

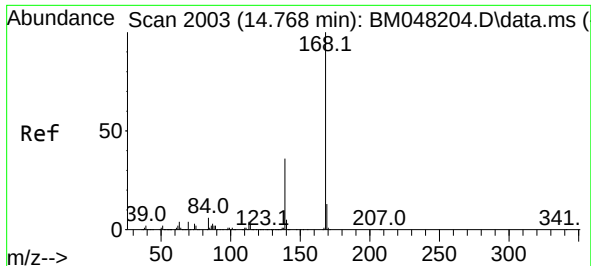
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#54
2,4-Dinitrophenol
Concen: 9.212 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

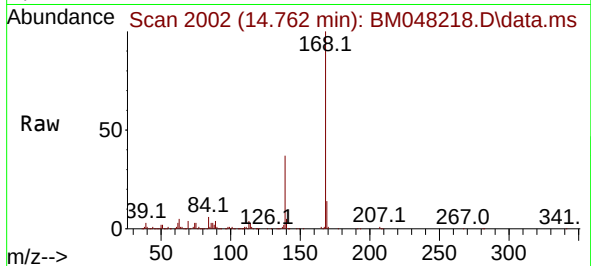
Tgt Ion:184 Resp: 27810
Ion Ratio Lower Upper
184 100
63 65.6 47.2 70.8
154 58.0 46.0 69.0





#55
Dibenzenofuran
Concen: 12.205 ng
RT: 14.762 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

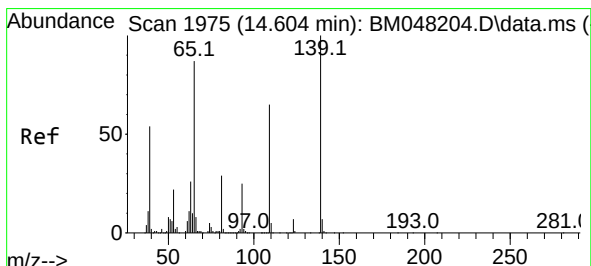
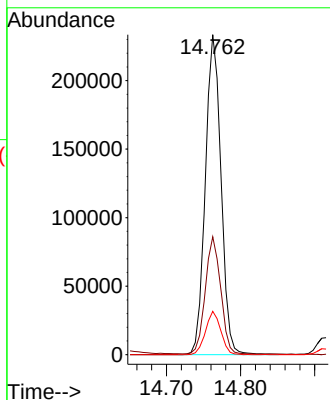
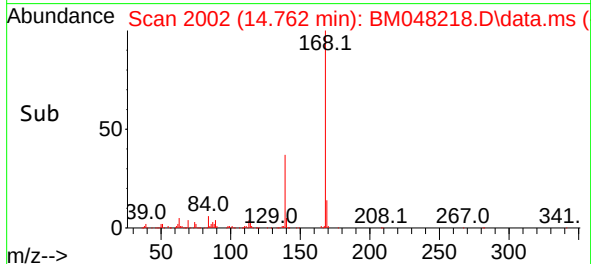
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



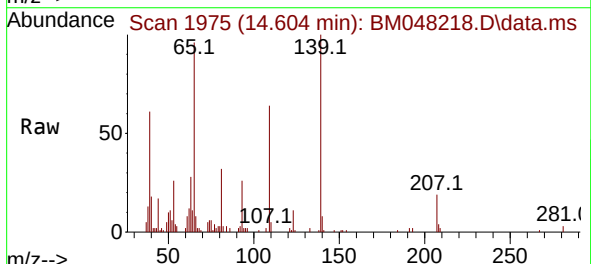
Tgt Ion:168 Resp: 34318
Ion Ratio Lower Upper
168 100
139 36.9 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations
APPROVED

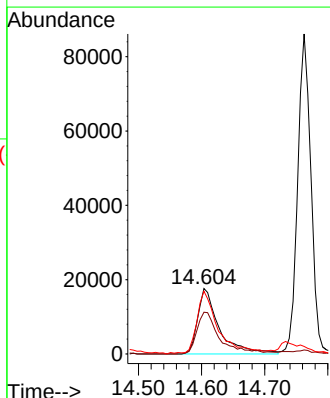
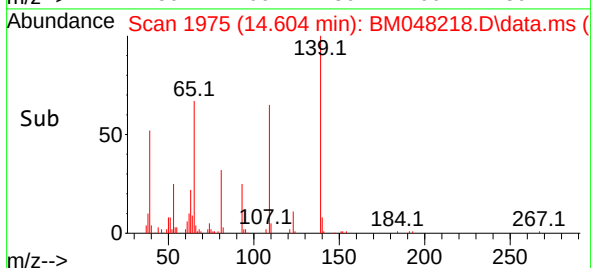
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

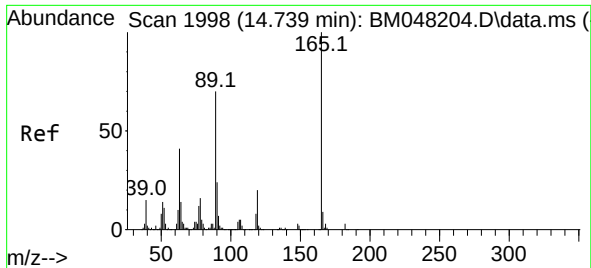


#56
4-Nitrophenol
Concen: 9.577 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



Tgt Ion:139 Resp: 41641
Ion Ratio Lower Upper
139 100
109 63.9 45.4 85.4
65 95.8 67.3 107.3





#57

2,4-Dinitrotoluene

Concen: 10.342 ng

RT: 14.739 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 70550

Ion Ratio Lower Upper

165 100

63 43.3 33.0 49.4

89 73.1 55.8 83.6

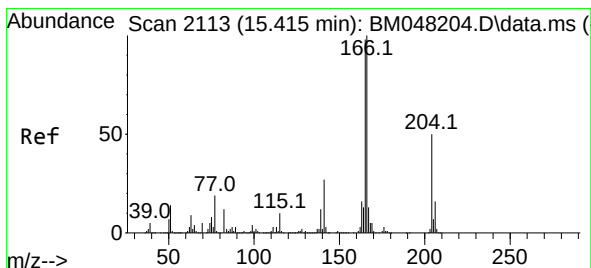
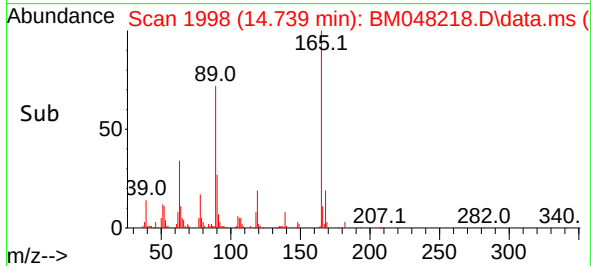
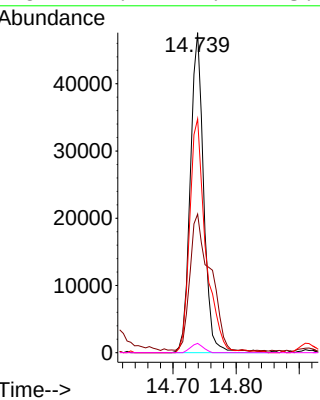
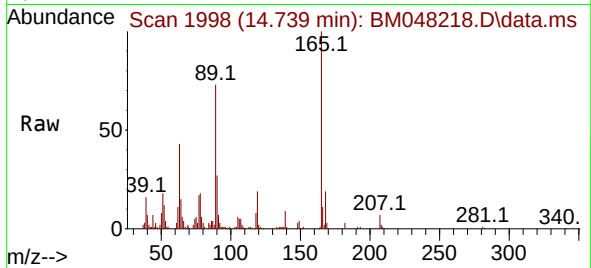
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#58

Fluorene

Concen: 12.180 ng

RT: 15.415 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

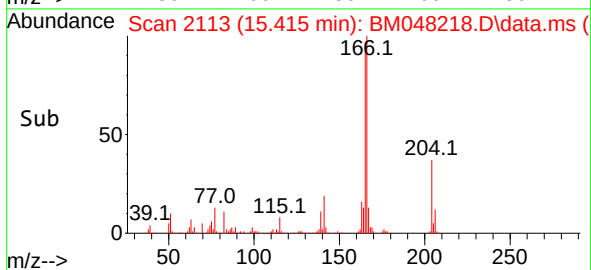
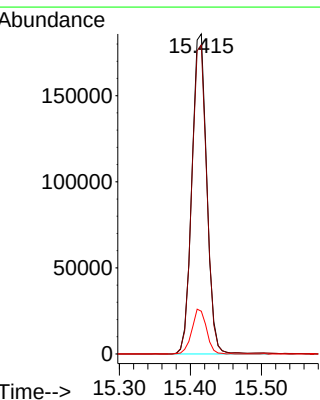
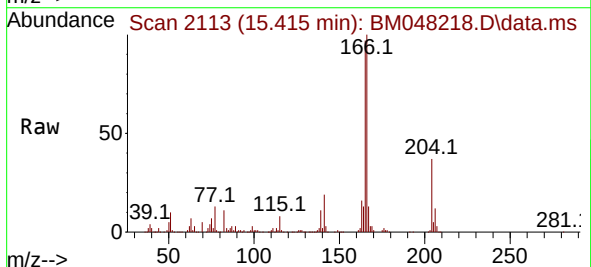
Tgt Ion:166 Resp: 270816

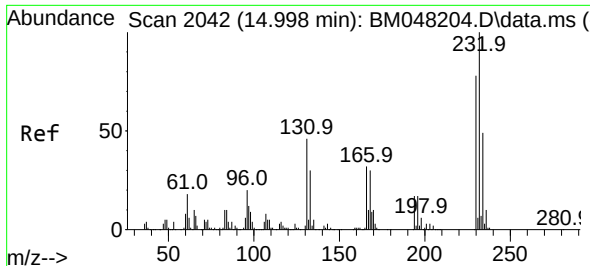
Ion Ratio Lower Upper

166 100

165 96.5 78.4 117.6

167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.973 ng

RT: 14.998 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BM048218.D

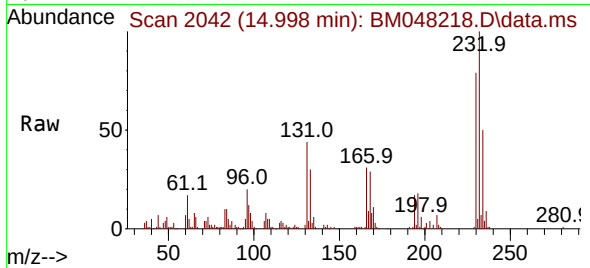
Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:232 Resp: 7119

Ion Ratio Lower Upper

232 100

131 44.3 35.5 53.3

130 2.1 1.8 2.6

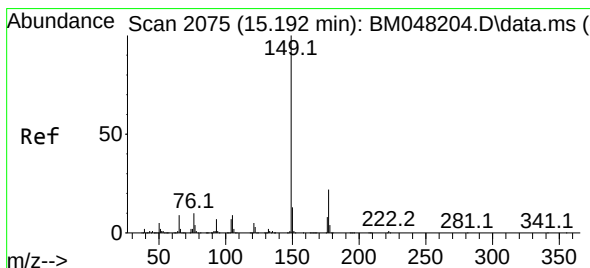
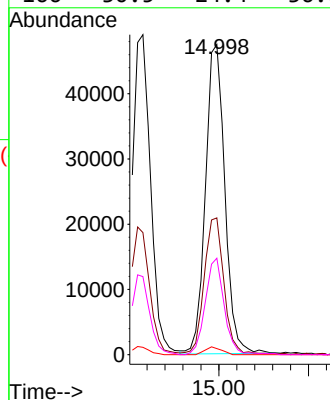
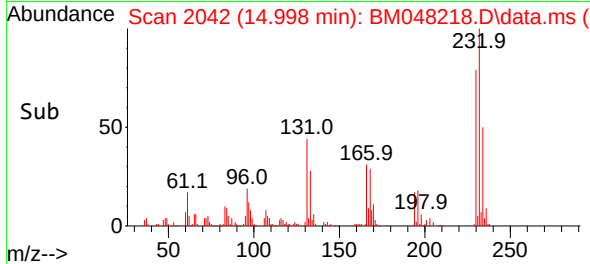
166 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#60

Diethylphthalate

Concen: 11.695 ng

RT: 15.186 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

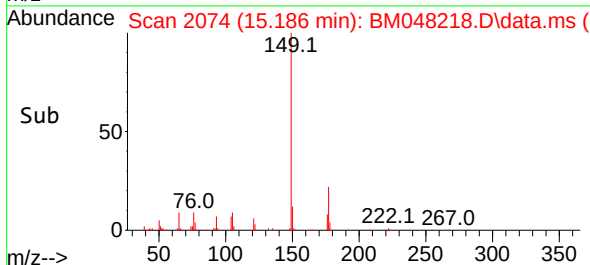
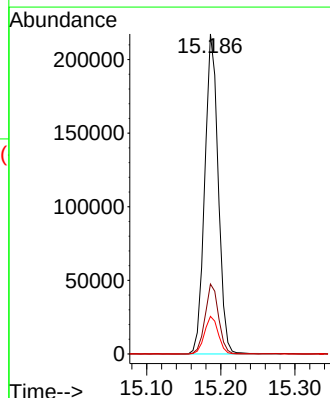
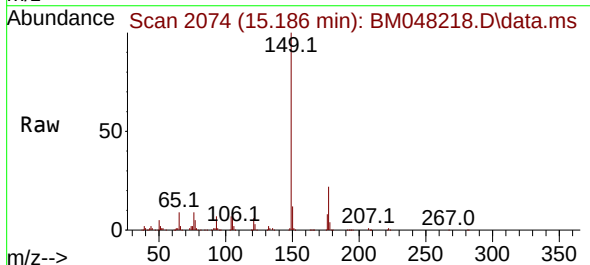
Tgt Ion:149 Resp: 274156

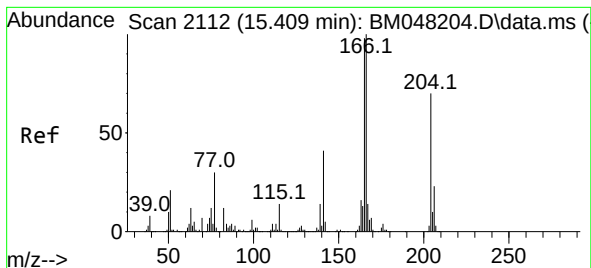
Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

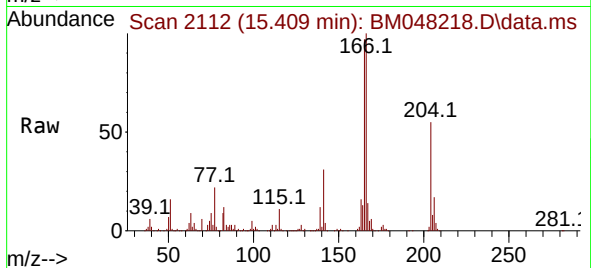
150 11.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 12.028 ng
RT: 15.409 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

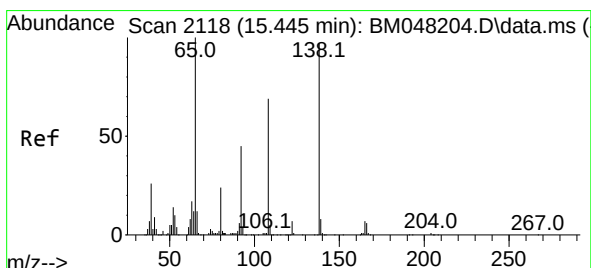
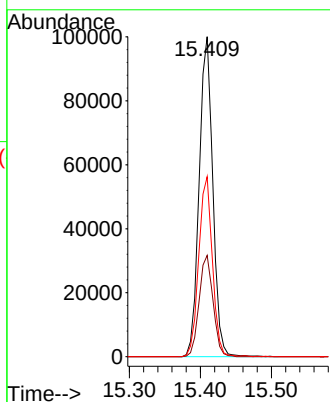
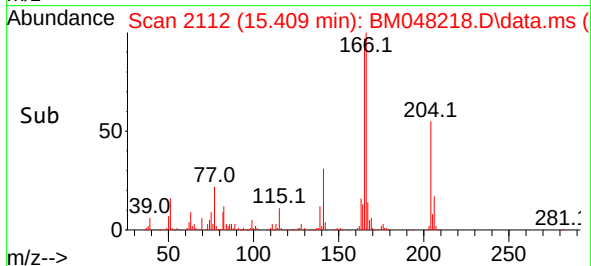
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:204 Resp: 133719
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 56.3 47.0 70.6

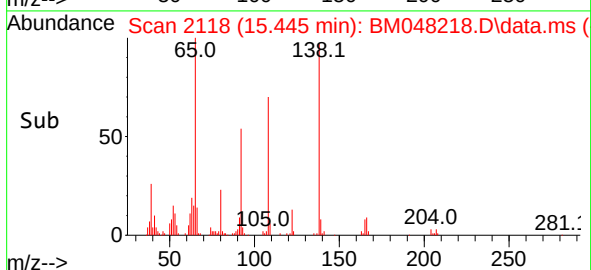
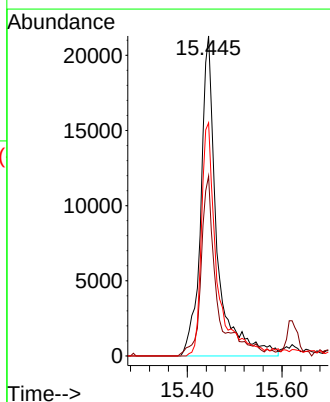
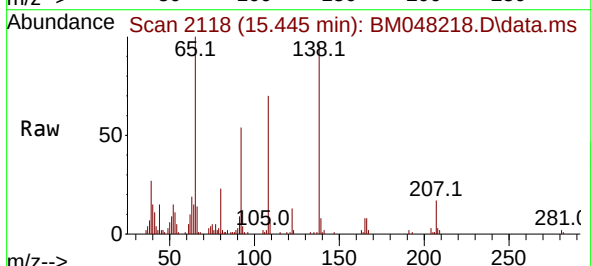
Manual Integrations
APPROVED

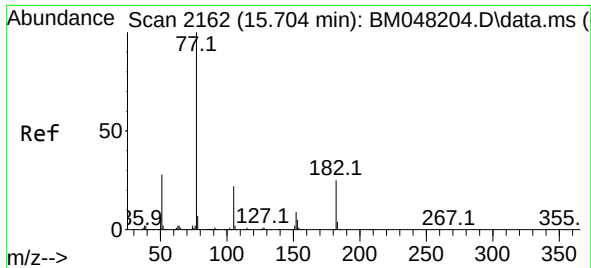
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#62
4-Nitroaniline
Concen: 9.990 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

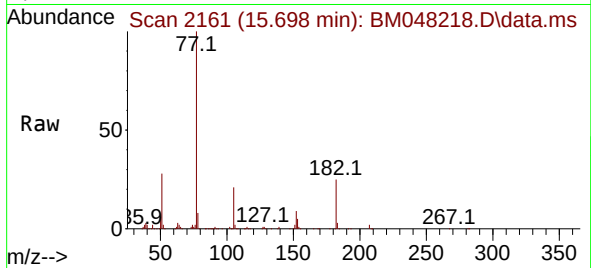
Tgt Ion:138 Resp: 50373
Ion Ratio Lower Upper
138 100
92 56.2 26.9 66.9
108 72.8 51.3 91.3





#63
Azobenzene
Concen: 12.049 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

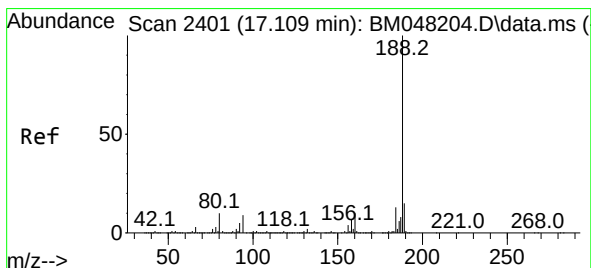
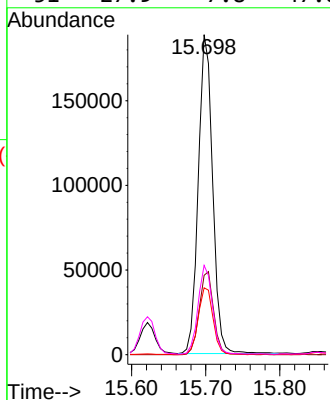
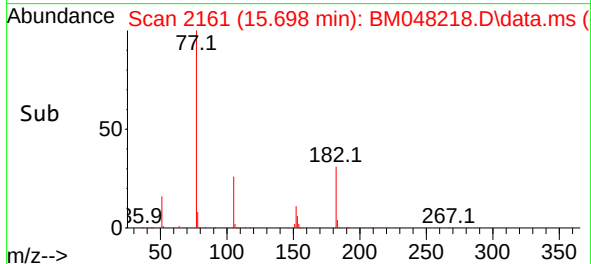
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



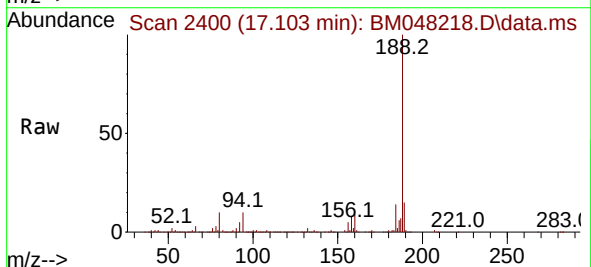
Tgt Ion: 77 Resp: 25316
Ion Ratio Lower Upper
77 100
182 24.8 5.3 45.3
105 20.9 1.6 41.6
51 27.9 7.8 47.8

Manual Integrations
APPROVED

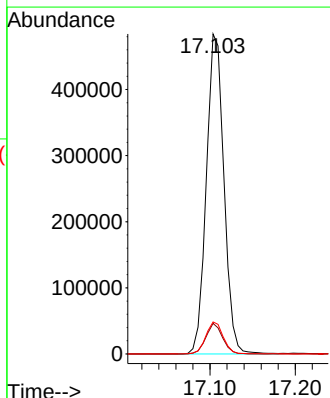
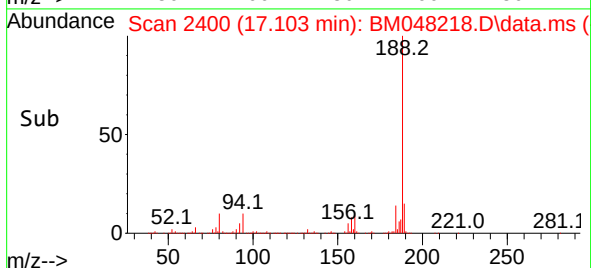
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

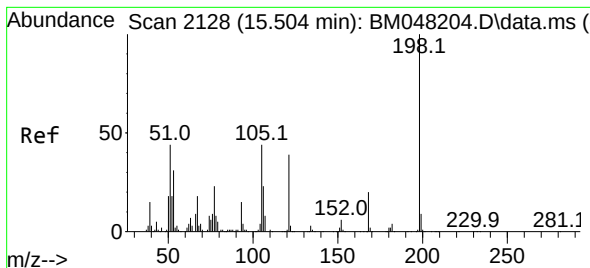


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.103 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



Tgt Ion:188 Resp: 695451
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.0 8.0 12.0





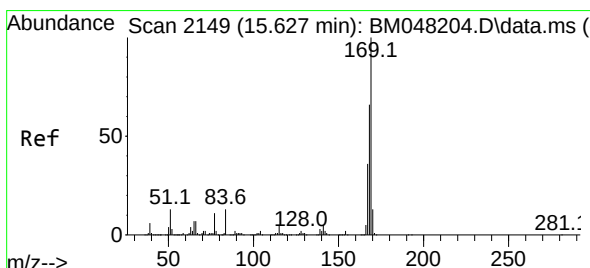
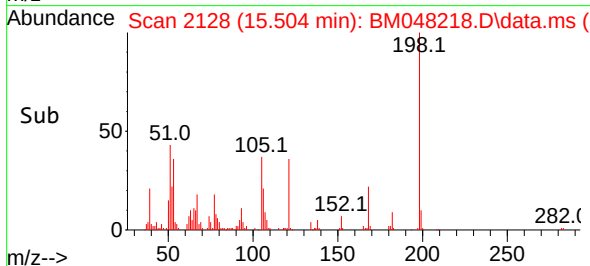
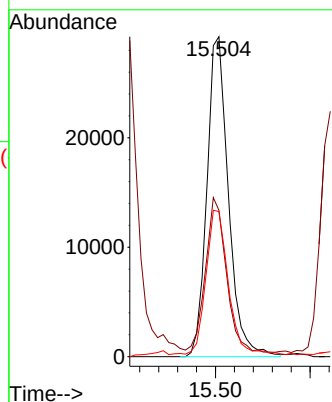
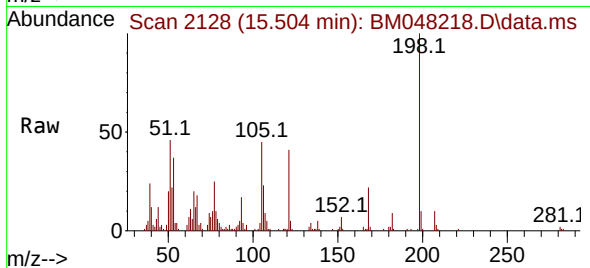
#65
4,6-Dinitro-2-methylphenol
Concen: 11.427 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

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

Tgt Ion:198 Resp: 46110
Ion Ratio Lower Upper
198 100
51 45.8 25.4 65.4
105 45.3 23.9 63.9

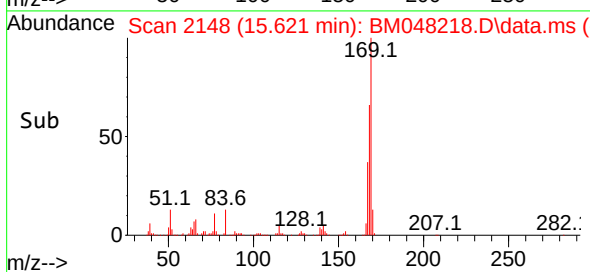
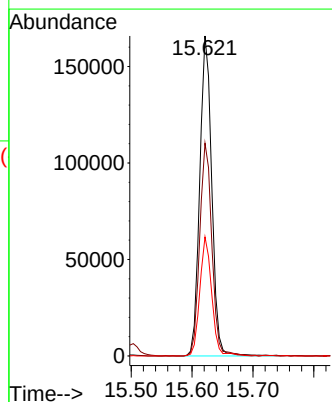
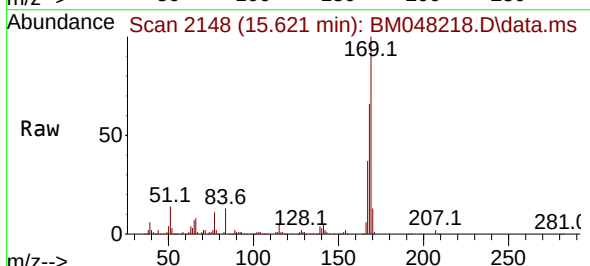
Manual Integrations
APPROVED

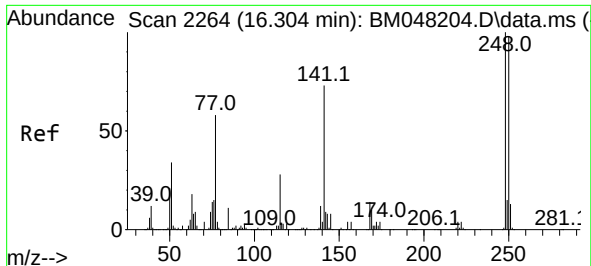
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#66
n-Nitrosodiphenylamine
Concen: 11.864 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

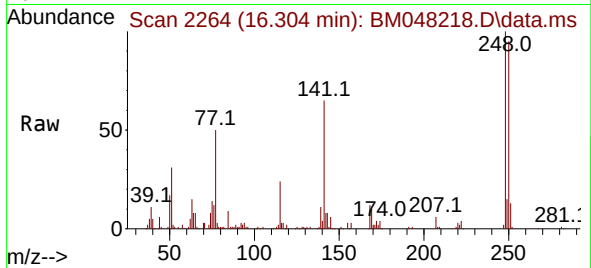
Tgt Ion:169 Resp: 226499
Ion Ratio Lower Upper
169 100
168 66.5 52.9 79.3
167 37.2 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 11.543 ng
RT: 16.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

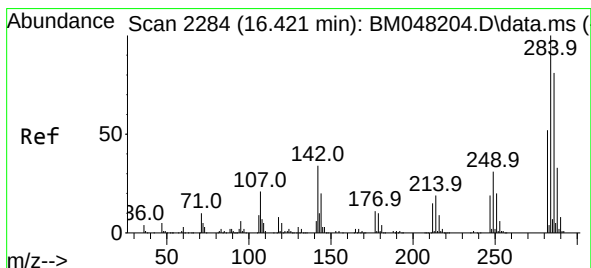
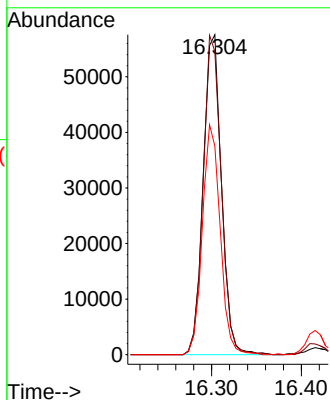
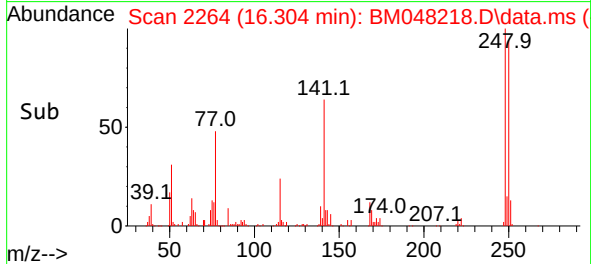
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



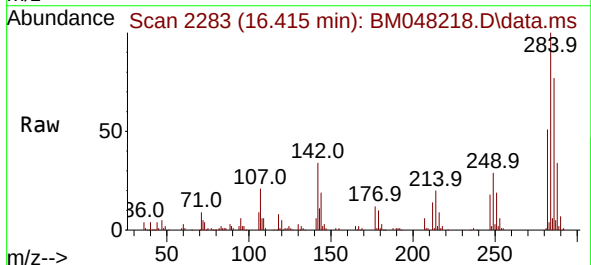
Tgt Ion:248 Resp: 81389
Ion Ratio Lower Upper
248 100
250 94.7 78.3 117.5
141 65.2 58.0 87.0

Manual Integrations
APPROVED

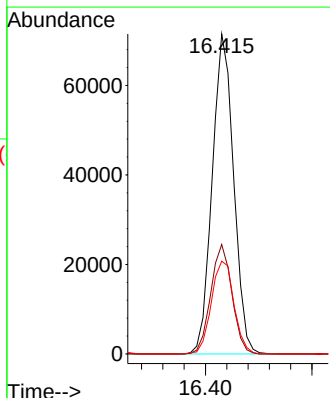
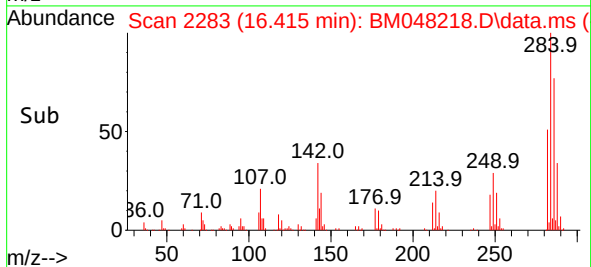
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

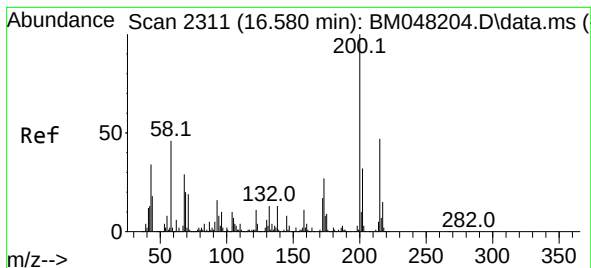


#68
Hexachlorobenzene
Concen: 11.765 ng
RT: 16.415 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



Tgt Ion:284 Resp: 99631
Ion Ratio Lower Upper
284 100
142 34.2 27.0 40.4
249 29.0 24.6 36.8





#69

Atrazine

Concen: 14.323 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

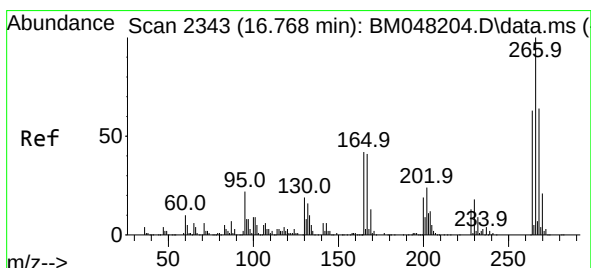
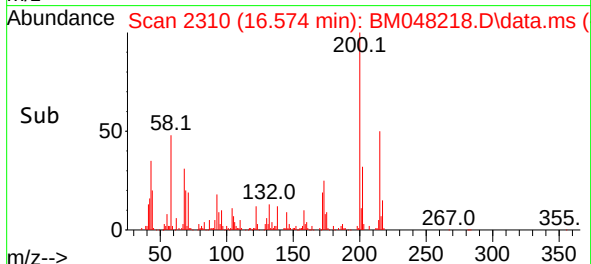
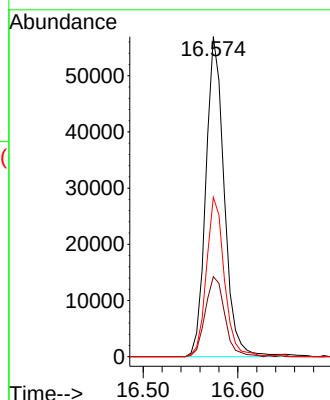
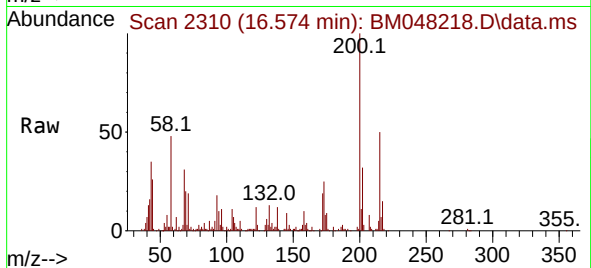
Tgt Ion:200 Resp: 7651
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.5 46.5
 215 49.8 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#70

Pentachlorophenol

Concen: 15.526 ng

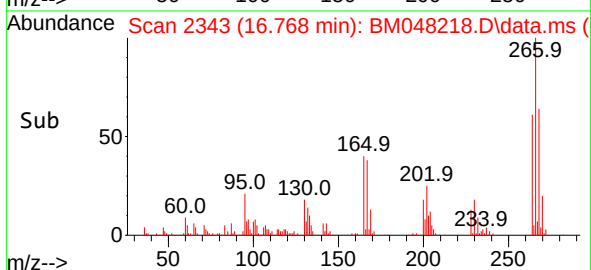
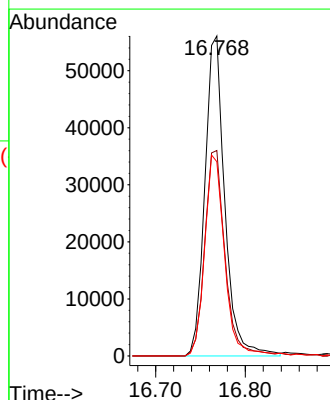
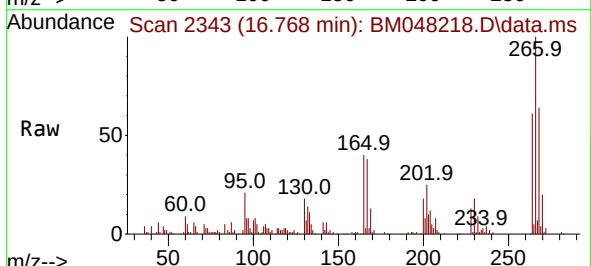
RT: 16.768 min Scan# 2343

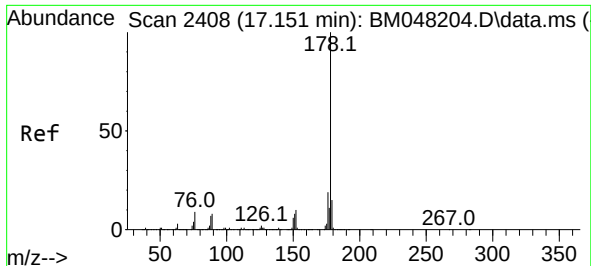
Delta R.T. 0.000 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

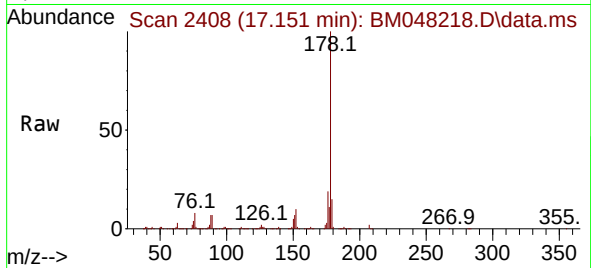
Tgt Ion:266 Resp: 86324
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.8 76.2
 264 60.7 50.2 75.2





#71
Phenanthrene
Concen: 12.344 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

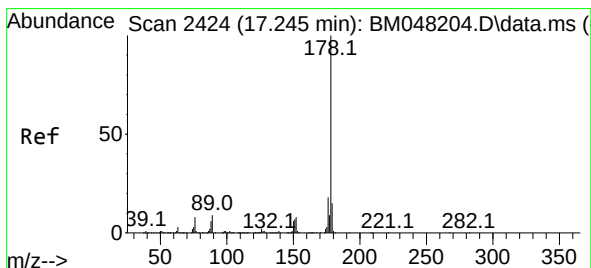
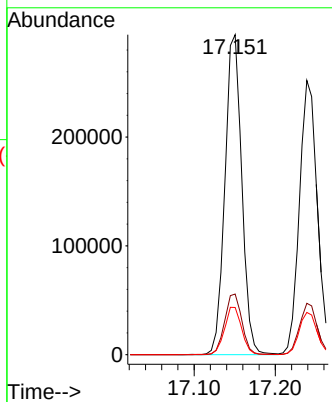
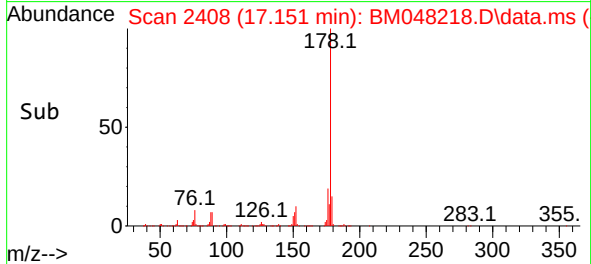
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:178 Resp: 425099
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 14.7 12.4 18.6

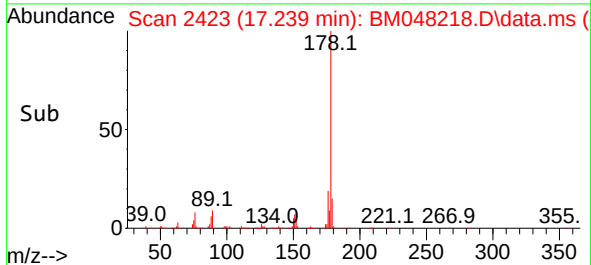
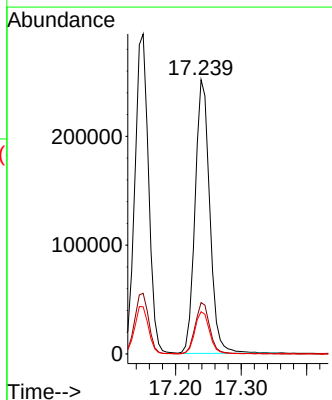
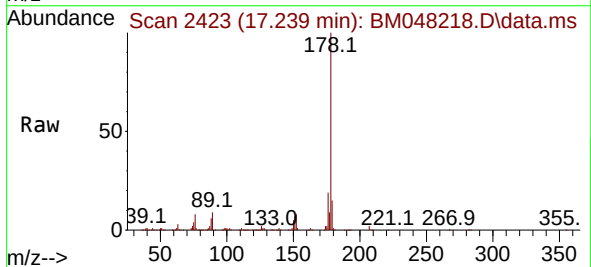
Manual Integrations
APPROVED

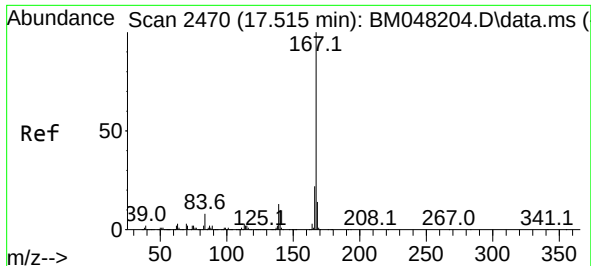
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#72
Anthracene
Concen: 11.786 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

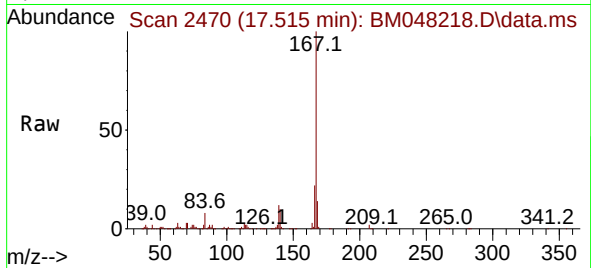
Tgt Ion:178 Resp: 392896
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 11.668 ng
 RT: 17.515 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BM048218.D
 Acq: 24 Oct 2024 15:49

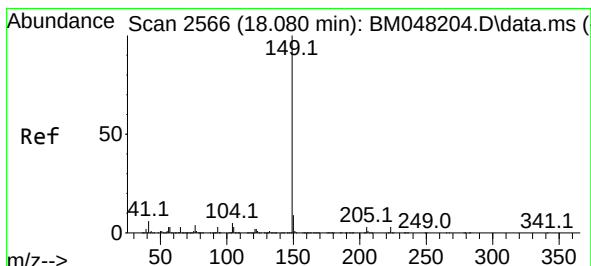
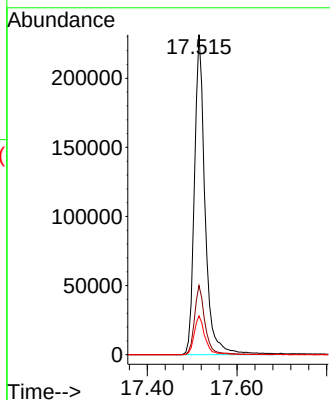
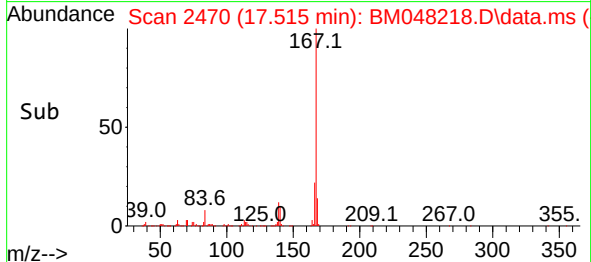
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:167 Resp: 381295
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.1 10.4 15.6

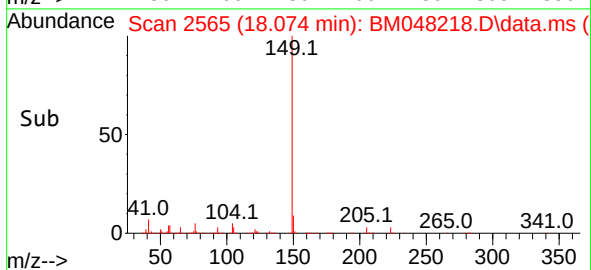
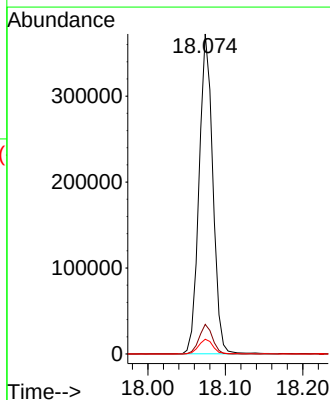
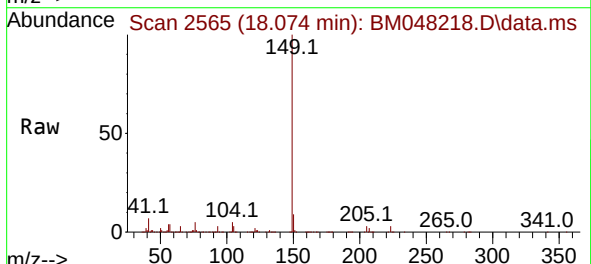
Manual Integrations
 APPROVED

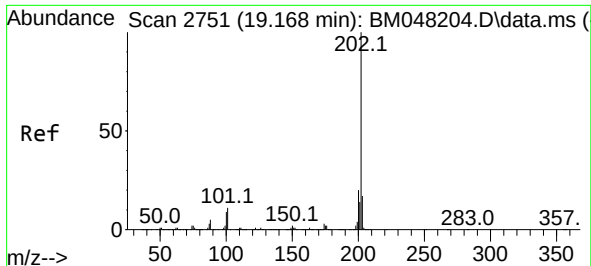
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024



#74
 Di-n-butylphthalate
 Concen: 11.271 ng
 RT: 18.074 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM048218.D
 Acq: 24 Oct 2024 15:49

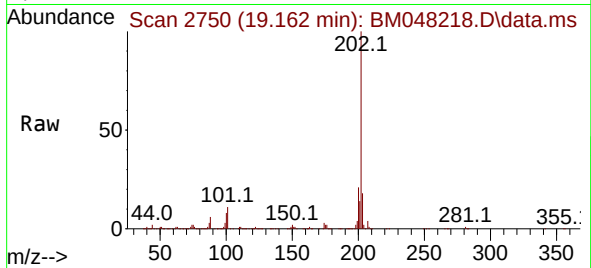
Tgt Ion:149 Resp: 458493
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.6 3.8 5.6





#75
Fluoranthene
Concen: 11.890 ng
RT: 19.162 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

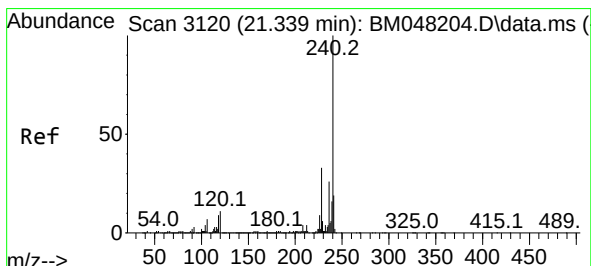
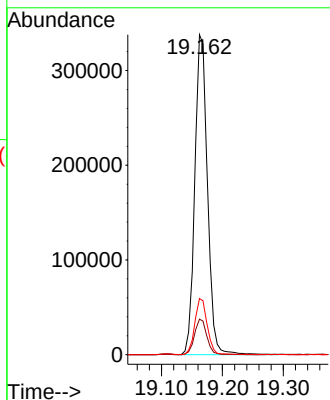
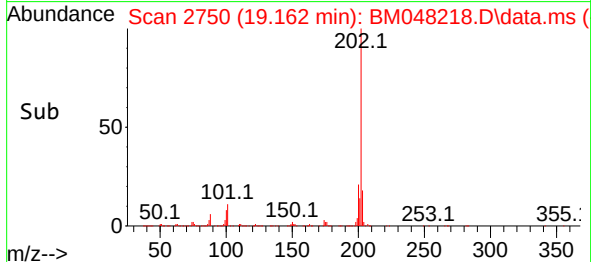
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:202 Resp: 488438
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.0
203 17.6 0.0 37.5

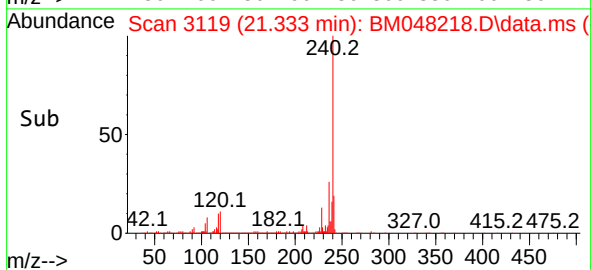
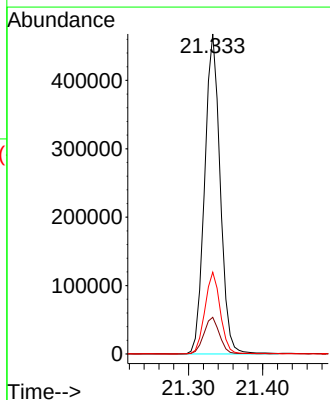
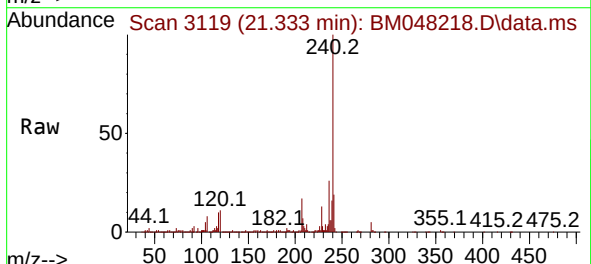
Manual Integrations
APPROVED

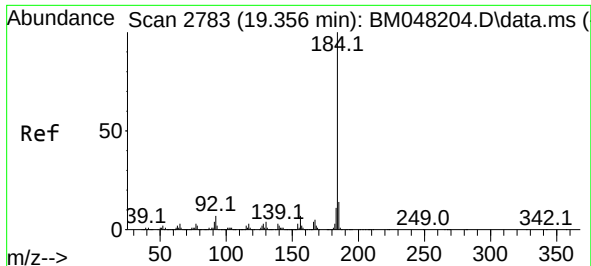
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

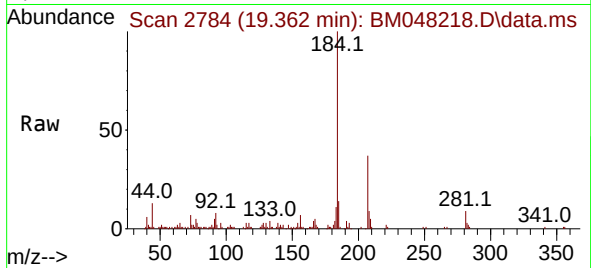
Tgt Ion:240 Resp: 681603
Ion Ratio Lower Upper
240 100
120 11.4 8.6 13.0
236 25.6 20.7 31.1





#77
Benzidine
Concen: 12.813 ng m
RT: 19.362 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

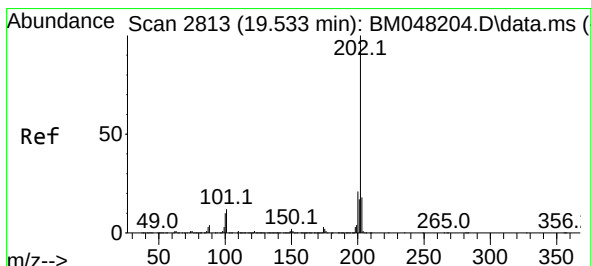
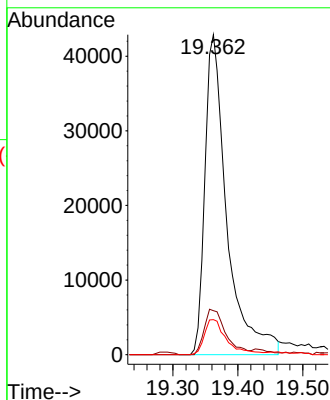
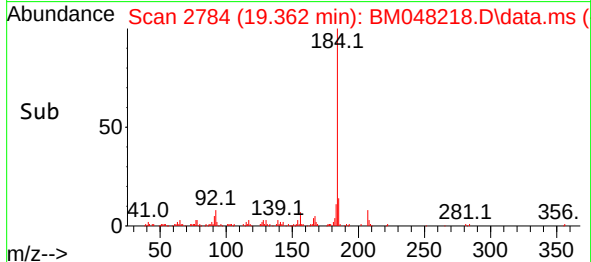
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



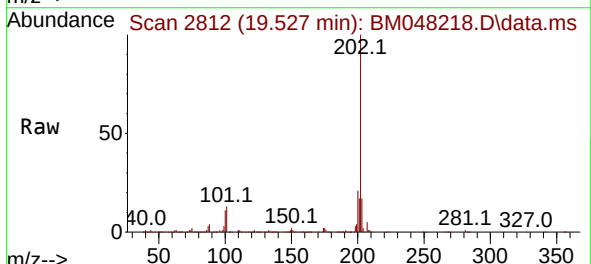
Tgt Ion:184 Resp: 100789
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.0 9.0 13.4

Manual Integrations
APPROVED

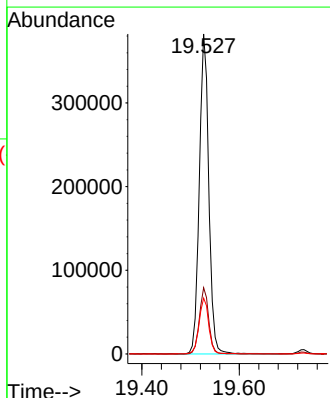
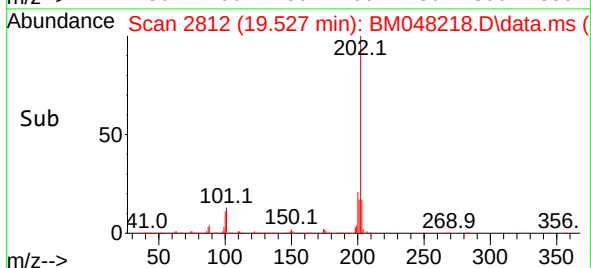
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

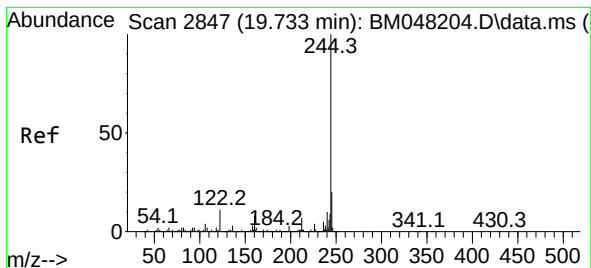


#78
Pyrene
Concen: 11.333 ng
RT: 19.527 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



Tgt Ion:202 Resp: 517050
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 58.927 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:244 Resp: 196817

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

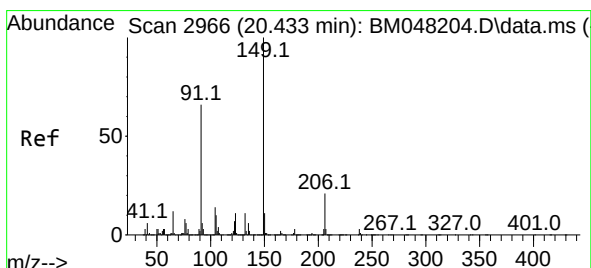
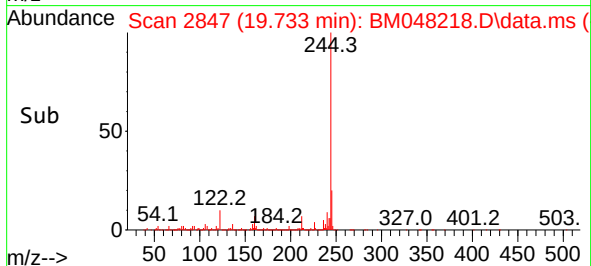
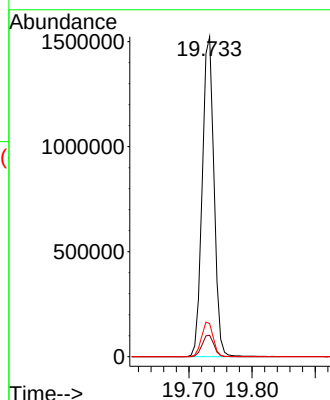
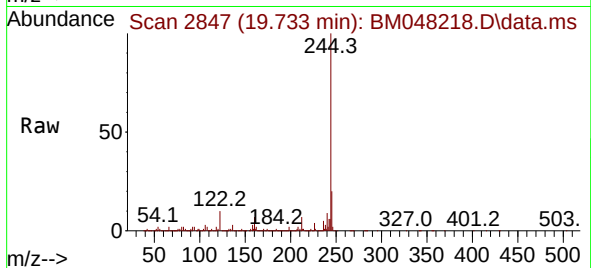
122 10.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#80

Butylbenzylphthalate

Concen: 10.877 ng

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

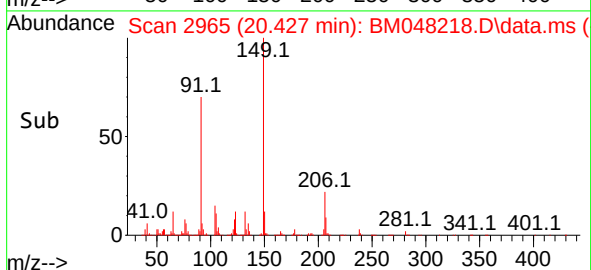
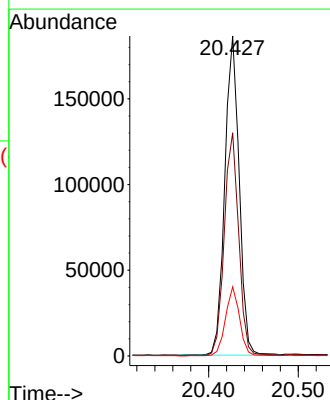
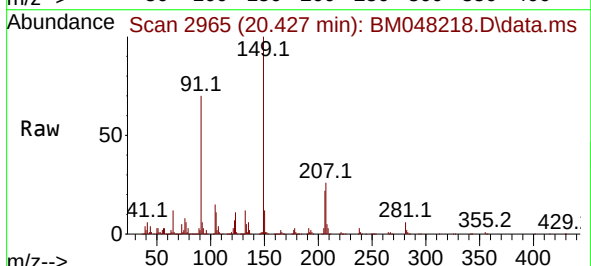
Tgt Ion:149 Resp: 207508

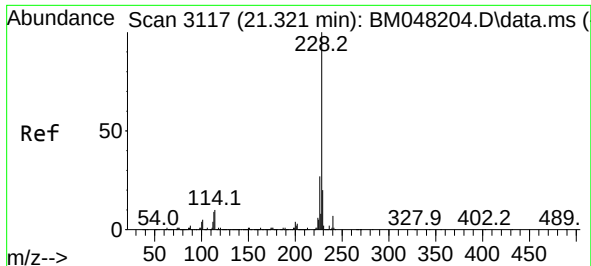
Ion Ratio Lower Upper

149 100

91 69.8 52.5 78.7

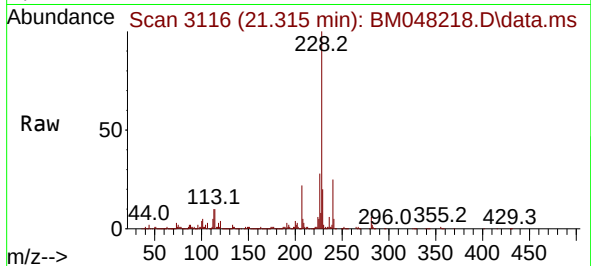
206 21.6 17.0 25.6





#81
Benzo(a)anthracene
Concen: 12.023 ng
RT: 21.315 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

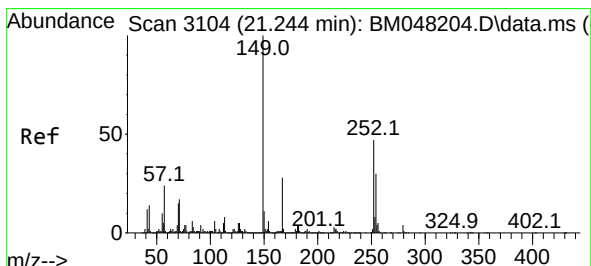
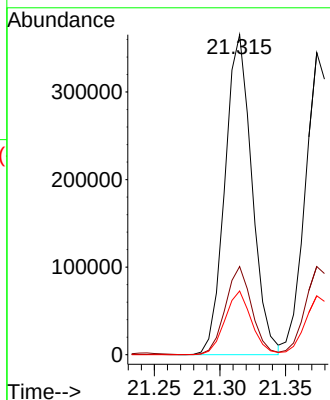
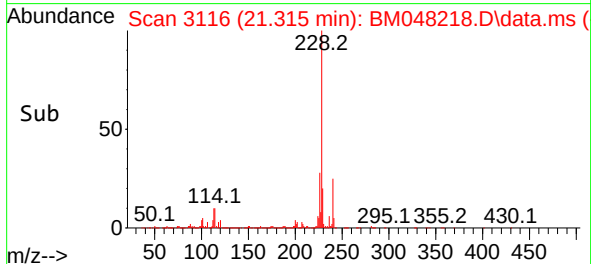
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:228 Resp: 52366
Ion Ratio Lower Upper
228 100
226 27.6 21.5 32.3
229 19.9 15.7 23.5

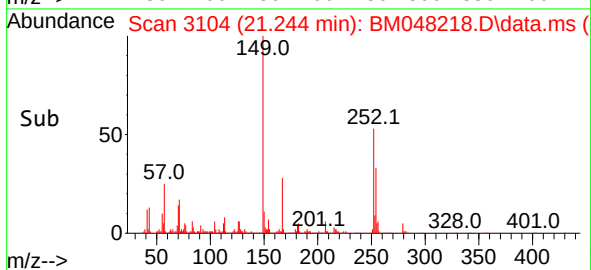
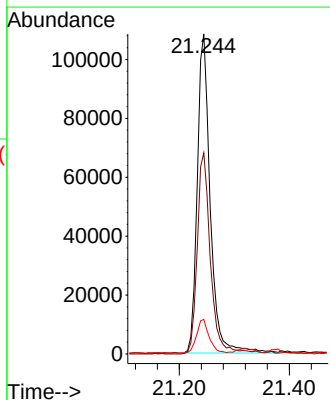
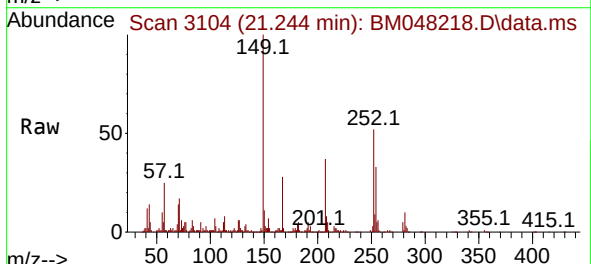
Manual Integrations
APPROVED

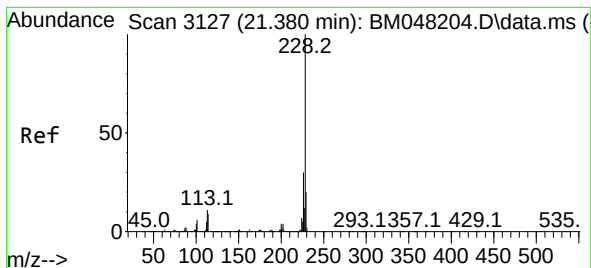
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#82
3,3'-Dichlorobenzidine
Concen: 11.906 ng
RT: 21.244 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion:252 Resp: 177629
Ion Ratio Lower Upper
252 100
254 62.8 51.8 77.8
126 10.8 8.8 13.2





#83

Chrysene

Concen: 12.465 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

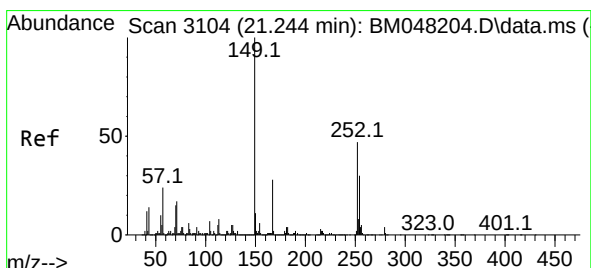
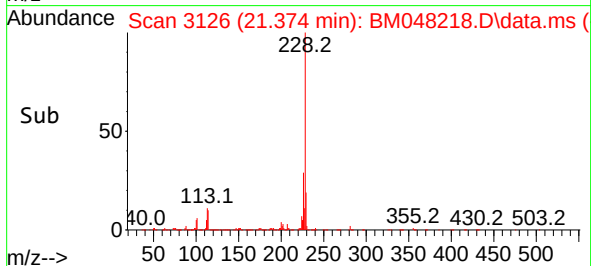
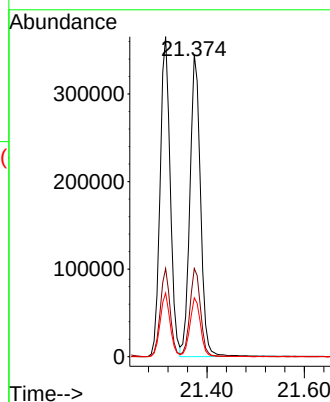
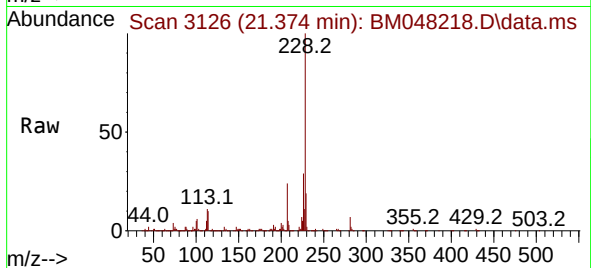
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:228 Resp: 52114
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.5 35.3
 229 19.5 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: 11.797 ng

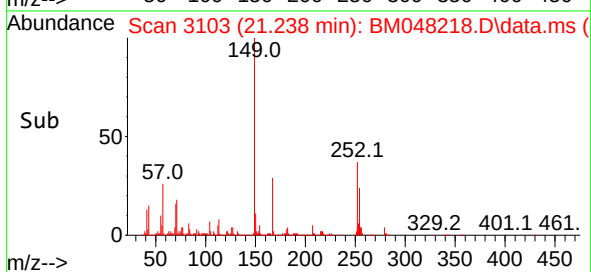
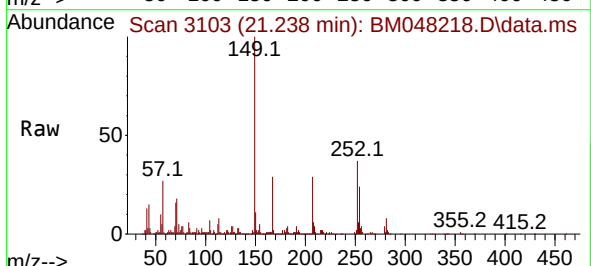
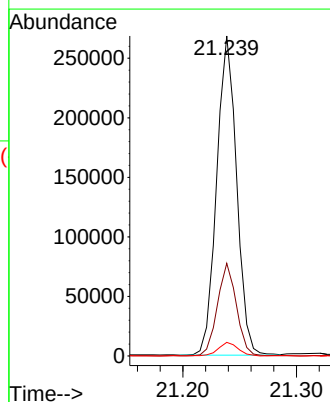
RT: 21.238 min Scan# 3103

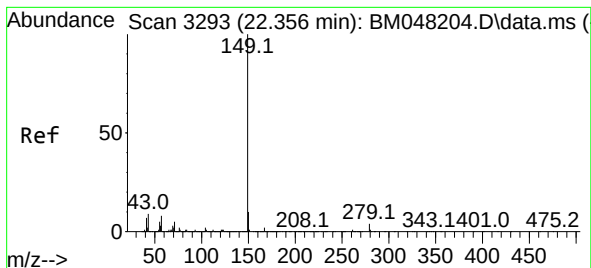
Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

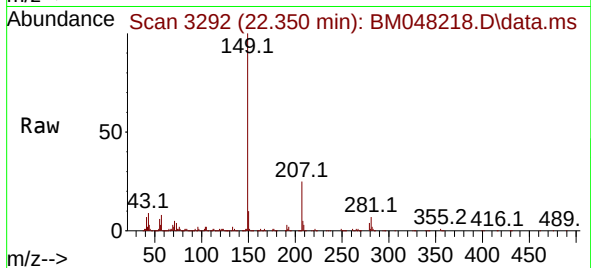
Tgt Ion:149 Resp: 327118
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.5 33.7
 279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 10.892 ng
RT: 22.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

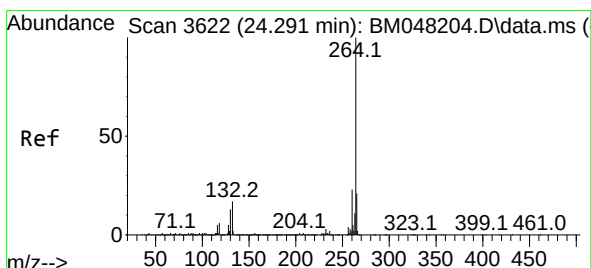
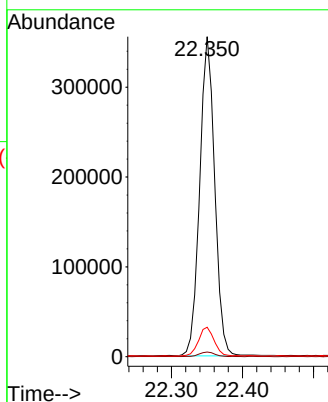
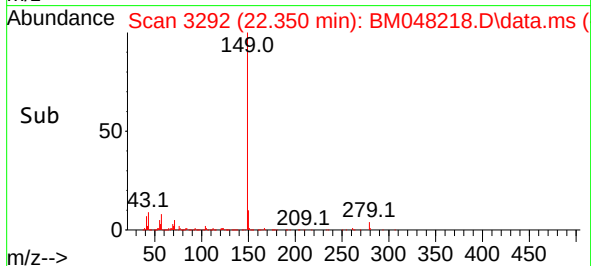
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



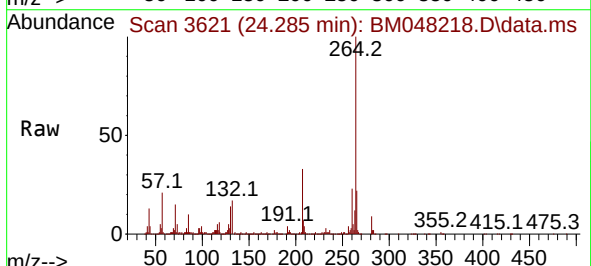
Tgt Ion:149 Resp: 523049
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 7.3 10.9

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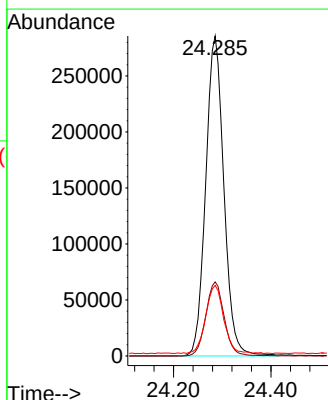
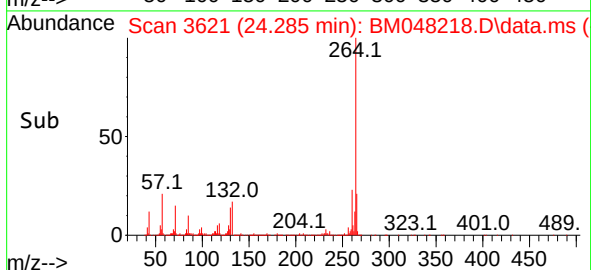
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

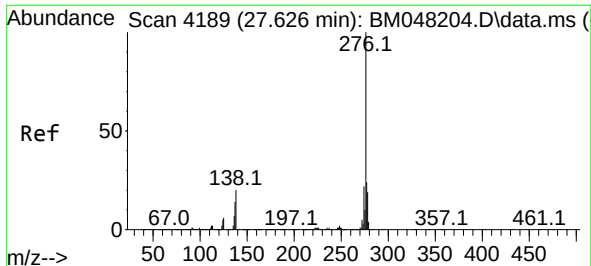


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.285 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49



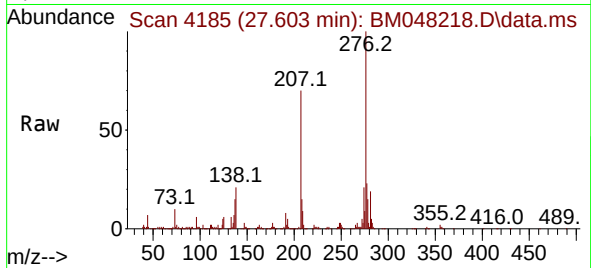
Tgt Ion:264 Resp: 738617
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 22.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 12.910 ng
RT: 27.603 min Scan# 4189
Delta R.T. -0.024 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

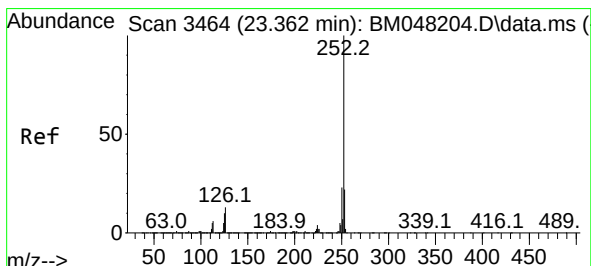
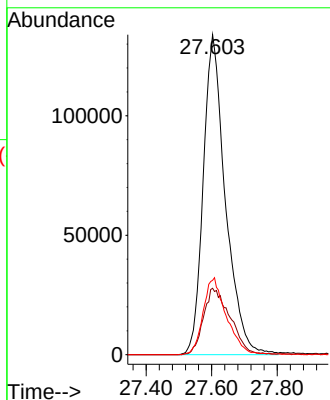
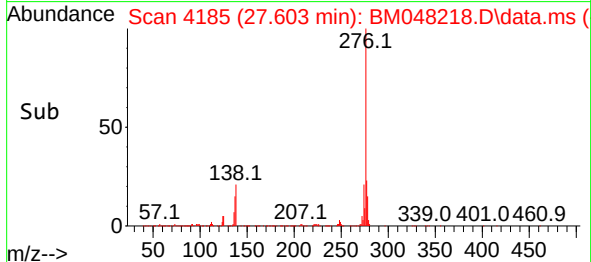
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:276 Resp: 63056
Ion Ratio Lower Upper
276 100
138 24.9 19.8 29.6
277 25.2 20.0 30.0

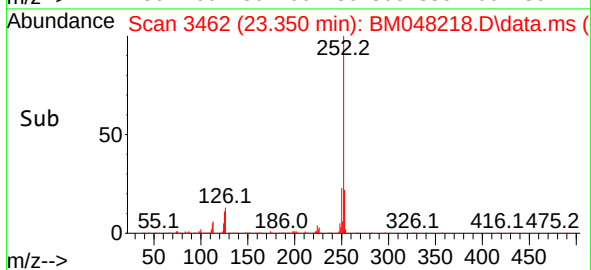
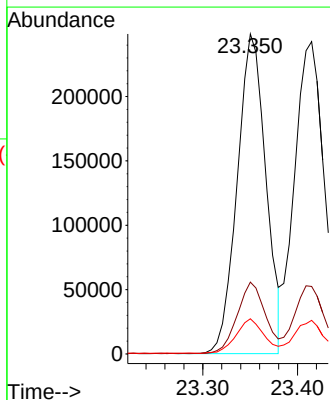
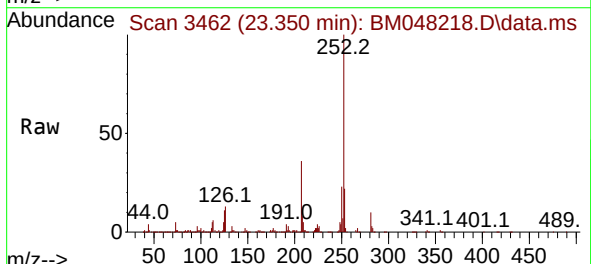
Manual Integrations
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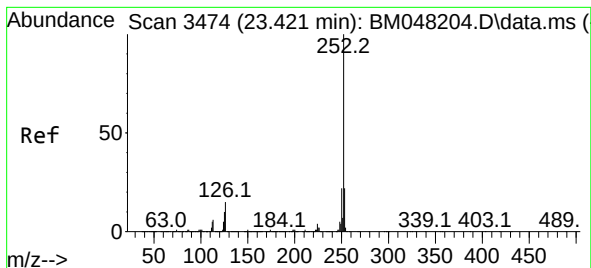
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#88
Benzo(b)fluoranthene
Concen: 12.322 ng
RT: 23.350 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM048218.D
Acq: 24 Oct 2024 15:49

Tgt Ion:252 Resp: 521840
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 13.308 ng

RT: 23.415 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

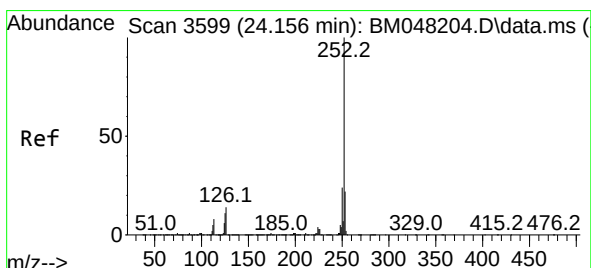
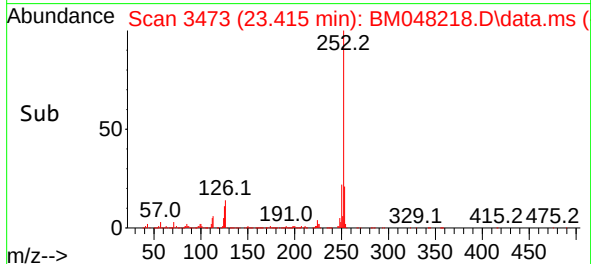
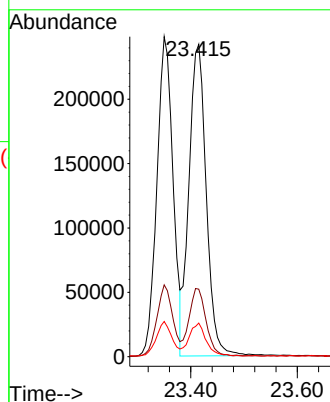
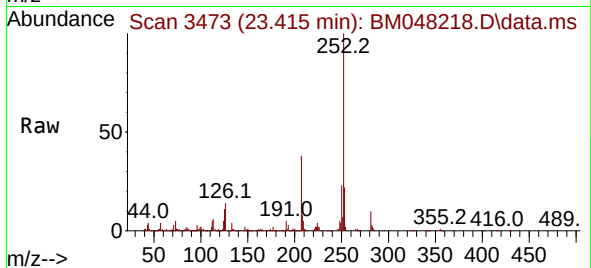
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:252 Resp: 544910
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.8 26.8
 125 10.8 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: 13.003 ng

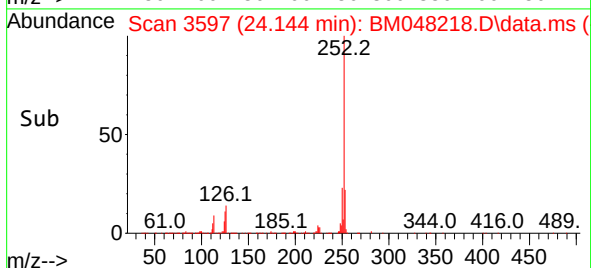
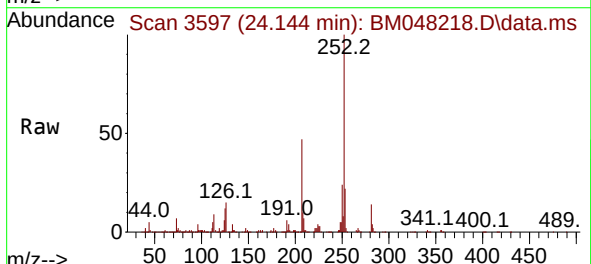
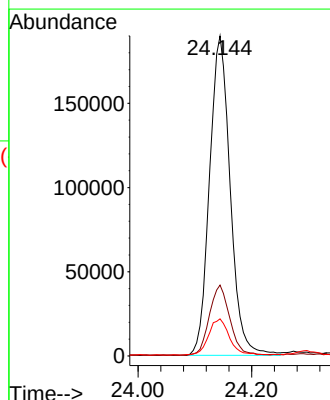
RT: 24.144 min Scan# 3597

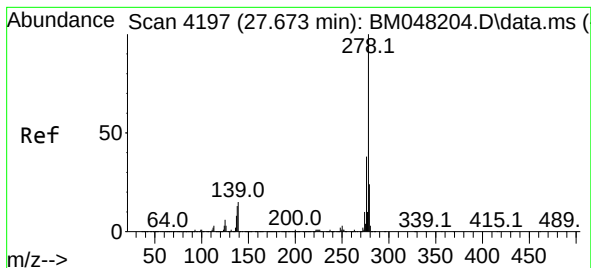
Delta R.T. -0.012 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Tgt Ion:252 Resp: 478736
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 11.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 12.794 ng

RT: 27.650 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:278 Resp: 52037

Ion Ratio Lower Upper

278 100

139 16.2 12.2 18.4

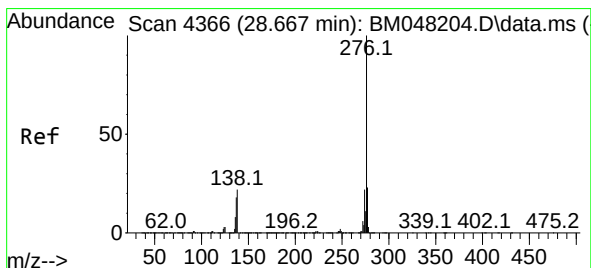
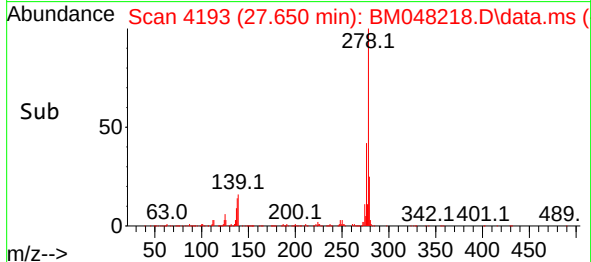
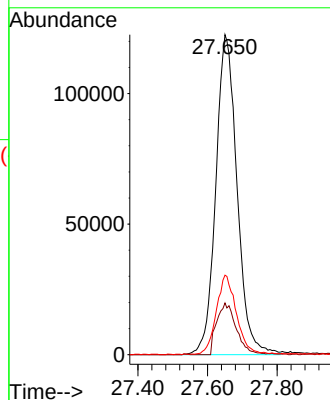
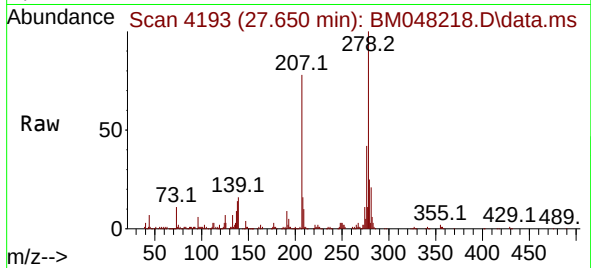
279 24.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#92

Benzo(g,h,i)perylene

Concen: 11.902 ng

RT: 28.632 min Scan# 4360

Delta R.T. -0.035 min

Lab File: BM048218.D

Acq: 24 Oct 2024 15:49

Tgt Ion:276 Resp: 495711

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 21.8 17.5 26.3

