

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140243.D
 Acq On : 05 Nov 2024 17:56
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-5 PPM
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 05 23:43:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 23:41:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	202637	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	768910	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	457095	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	828291	20.000	ng	0.00
76) Chrysene-d12	14.057	240	518109	20.000	ng	0.00
86) Perylene-d12	15.568	264	435172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1281166	104.776	ng	0.00
7) Phenol-d6	6.504	99	1700553	108.125	ng	0.00
23) Nitrobenzene-d5	7.440	82	1211236	78.319	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	527195	116.684	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2148579	75.058	ng	0.00
79) Terphenyl-d14	12.998	244	2353378	74.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	26441	4.703	ng	96
3) Pyridine	3.493	79	58103m	4.236	ng	
4) n-Nitrosodimethylamine	3.369	42	34798	4.394	ng	# 93
6) Aniline	6.540	93	86325	6.075	ng	99
8) 2-Chlorophenol	6.663	128	65613	5.128	ng	93
9) Benzaldehyde	6.428	77	59759	6.168	ng	96
10) Phenol	6.516	94	86143	5.157	ng	# 75
11) bis(2-Chloroethyl)ether	6.610	93	64932	5.117	ng	99
12) 1,3-Dichlorobenzene	6.816	146	74319	4.957	ng	98
13) 1,4-Dichlorobenzene	6.892	146	75107	4.967	ng	99
14) 1,2-Dichlorobenzene	7.045	146	71029	5.029	ng	98
15) Benzyl Alcohol	7.010	79	78116	6.443	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	108646	5.290	ng	98
17) 2-Methylphenol	7.116	107	53284	4.993	ng	98
18) Hexachloroethane	7.387	117	26785	4.755	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	51975	5.180	ng	99
20) 3+4-Methylphenols	7.269	107	68215	5.089	ng	98
22) Acetophenone	7.281	105	100614	5.278	ng	92
24) Nitrobenzene	7.457	77	79685	4.910	ng	98
25) Isophorone	7.687	82	132859	4.989	ng	99
26) 2-Nitrophenol	7.769	139	30640	4.747	ng	99
27) 2,4-Dimethylphenol	7.798	122	34262	3.901	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	80308	5.040	ng	98
29) 2,4-Dichlorophenol	8.010	162	54402	5.008	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	64674	4.968	ng	96
31) Naphthalene	8.175	128	199392	5.022	ng	98
32) Benzoic acid	7.857	122	18175	2.522	ng	96
33) 4-Chloroaniline	8.222	127	72498	5.546	ng	98
34) Hexachlorobutadiene	8.292	225	40628	4.611	ng	98
35) Caprolactam	8.551	113	15695	4.749	ng	94
36) 4-Chloro-3-methylphenol	8.698	107	58781	4.860	ng	96
37) 2-Methylnaphthalene	8.863	142	134198	5.179	ng	97
38) 1-Methylnaphthalene	8.963	142	122735	4.832	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	67119	5.016	ng	98
41) Hexachlorocyclopentadiene	9.022	237	11233	2.996	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	38842	4.684	ng	99

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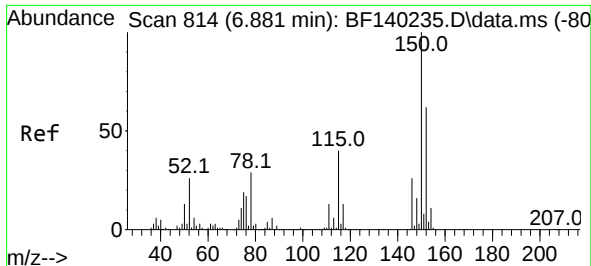
Quant Time: Nov 05 23:43:54 2024
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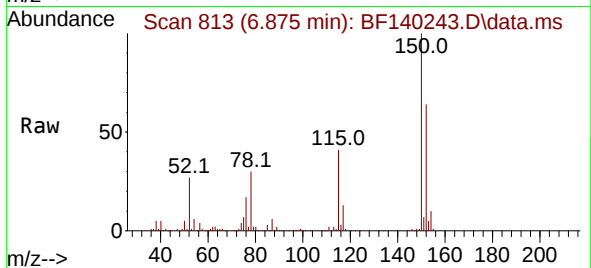
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	40932	4.695	ng	98
46) 1,1'-Biphenyl	9.334	154	175554	5.313	ng	98
47) 2-Chloronaphthalene	9.357	162	122098	4.910	ng	98
48) 2-Nitroaniline	9.451	65	38646	4.647	ng	98
49) Acenaphthylene	9.775	152	194533	5.526	ng	99
50) Dimethylphthalate	9.628	163	143205	5.087	ng	100
51) 2,6-Dinitrotoluene	9.692	165	31748	4.798	ng	95
52) Acenaphthene	9.945	154	120517	4.826	ng	100
53) 3-Nitroaniline	9.857	138	31795	5.103	ng	99
55) Dibenzofuran	10.116	168	185239	5.305	ng	99
56) 4-Nitrophenol	10.016	139	15756	3.596	ng	96
57) 2,4-Dinitrotoluene	10.092	165	39381	4.586	ng	97
58) Fluorene	10.463	166	146059	5.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	34067	4.770	ng	98
60) Diethylphthalate	10.333	149	140138	5.010	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	72478	5.174	ng	96
62) 4-Nitroaniline	10.469	138	28202	4.555	ng	96
63) Azobenzene	10.616	77	149600	5.159	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	11665	2.681	ng	97
66) n-Nitrosodiphenylamine	10.569	169	122224	5.130	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	43784	4.909	ng	98
68) Hexachlorobenzene	11.010	284	50321	4.950	ng	97
69) Atrazine	11.092	200	41135	6.311	ng	97
70) Pentachlorophenol	11.204	266	16285	2.983	ng	100
71) Phenanthrene	11.427	178	212154	5.367	ng	97
72) Anthracene	11.475	178	199861	5.156	ng	98
73) Carbazole	11.633	167	178801	5.048	ng	98
74) Di-n-butylphthalate	11.963	149	212746	5.075	ng	99
75) Fluoranthene	12.616	202	210911	5.103	ng	99
77) Benzidine	12.739	184	49940	4.930	ng	# 95
78) Pyrene	12.845	202	213360	4.988	ng	98
80) Butylbenzylphthalate	13.469	149	75496	4.901	ng	95
81) Benzo(a)anthracene	14.045	228	165906	4.990	ng	97
82) 3,3'-Dichlorobenzidine	14.010	252	45889	4.395	ng	99
83) Chrysene	14.080	228	158716	5.097	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	107262	4.968	ng	100
85) Di-n-octyl phthalate	14.674	149	155442	4.784	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	113603	4.447	ng	99
88) Benzo(b)fluoranthene	15.127	252	126638	4.811	ng	98
89) Benzo(k)fluoranthene	15.157	252	126312	5.229	ng	99
90) Benzo(a)pyrene	15.498	252	106351	4.900	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	92858	4.418	ng	98
92) Benzo(g,h,i)perylene	17.521	276	90161	4.205	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

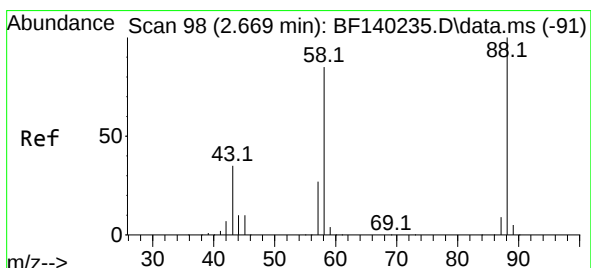
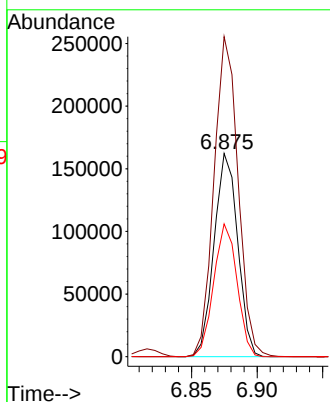
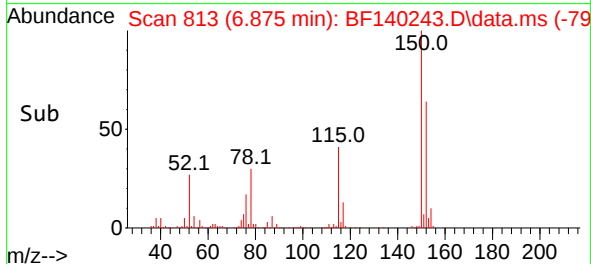
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:152 Resp: 20263
Ion Ratio Lower Upper
152 100
150 157.4 129.4 194.2
115 65.3 51.5 77.3

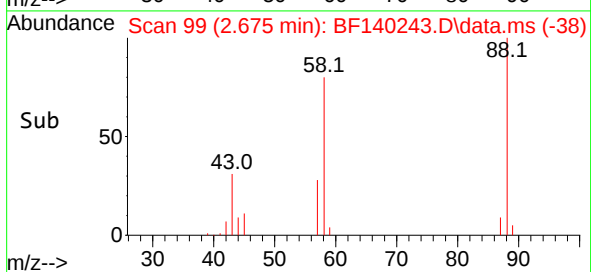
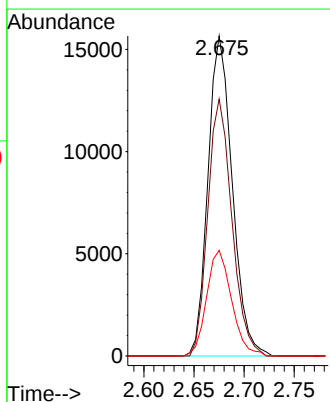
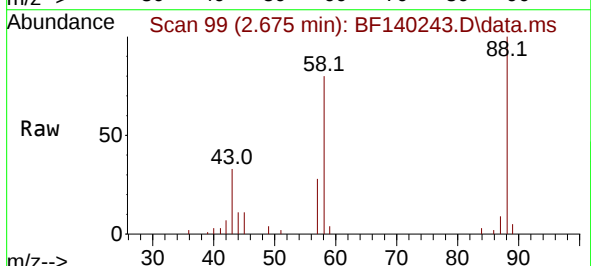
Manual Integrations
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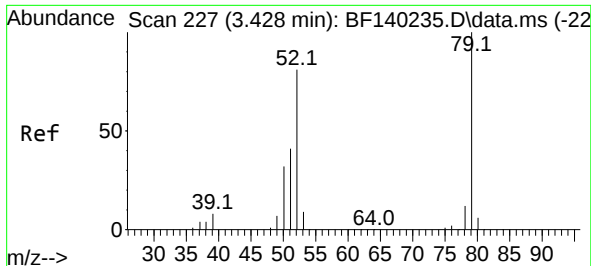
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#2
1,4-Dioxane
Concen: 4.703 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion: 88 Resp: 26441
Ion Ratio Lower Upper
88 100
58 79.5 66.7 100.1
43 33.9 27.8 41.8





#3

Pyridine

Concen: 4.236 ng m

RT: 3.493 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

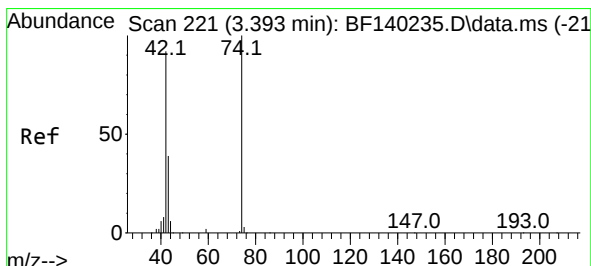
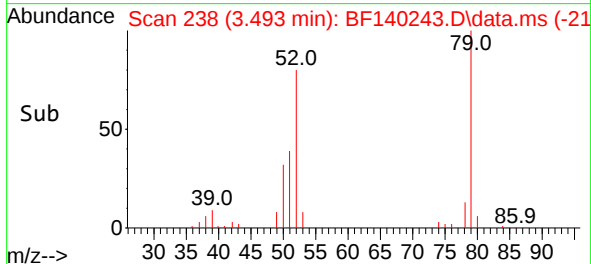
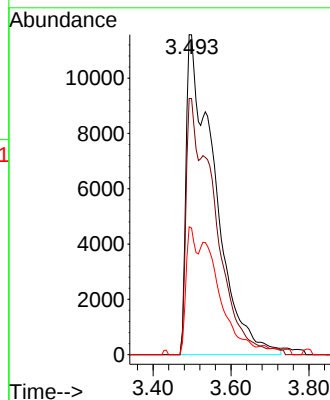
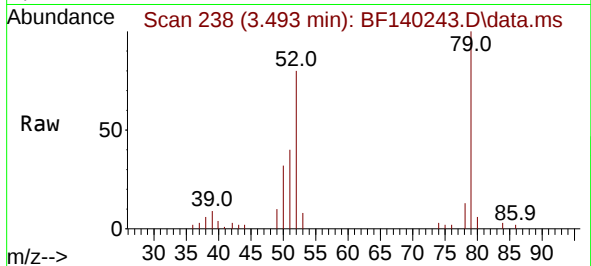
LOQ-WATER-02-QT4-2024

Tgt Ion: 79	Resp: 5810
Ion Ratio	Lower Upper
79	100
52	80.1 64.6 97.0
51	40.0 32.5 48.7

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Supervised By :mohammad ahmed 11/06/2024



#4

n-Nitrosodimethylamine

Concen: 4.394 ng

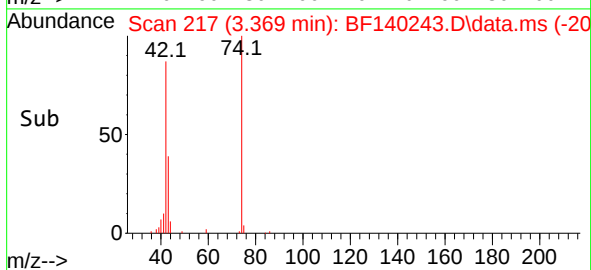
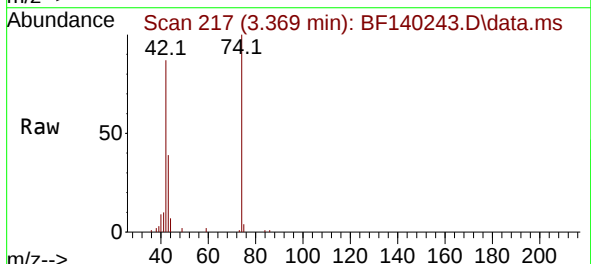
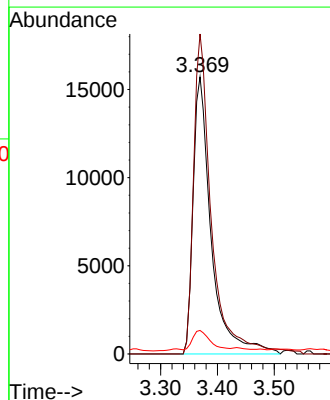
RT: 3.369 min Scan# 217

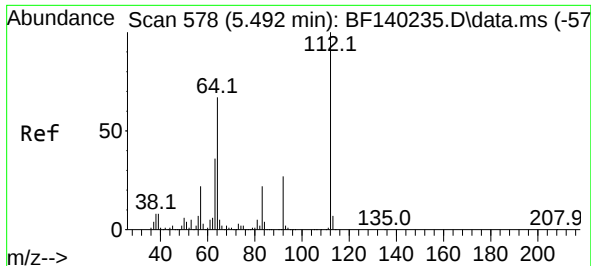
Delta R.T. -0.023 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

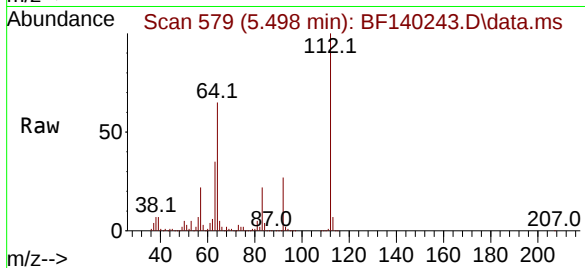
Tgt Ion: 42	Resp: 34798
Ion Ratio	Lower Upper
42	100
74	115.5 86.9 130.3
44	8.5 5.0 7.6





#5
2-Fluorophenol
Concen: 104.776 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

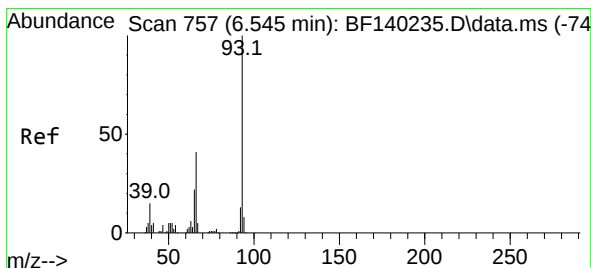
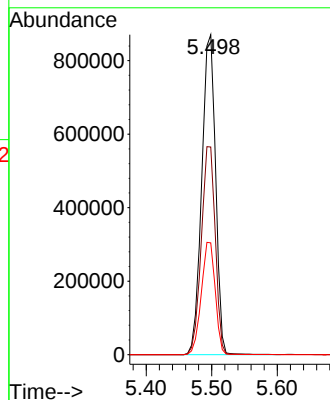
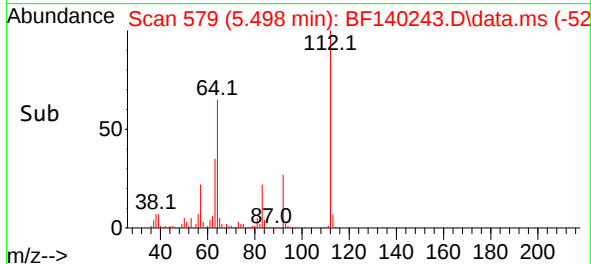
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 112 Resp: 128116
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 35.0 28.9 43.3

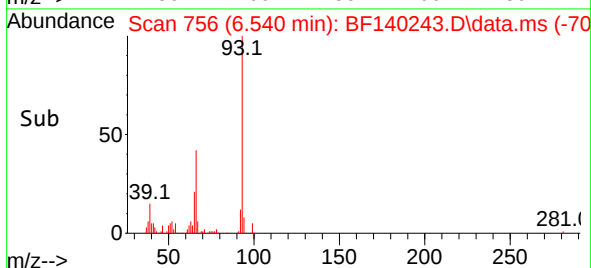
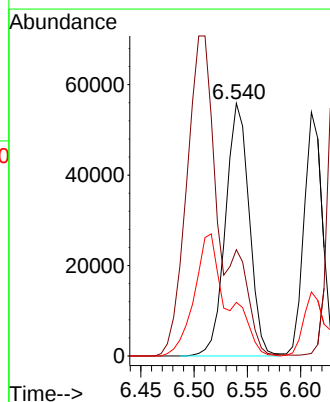
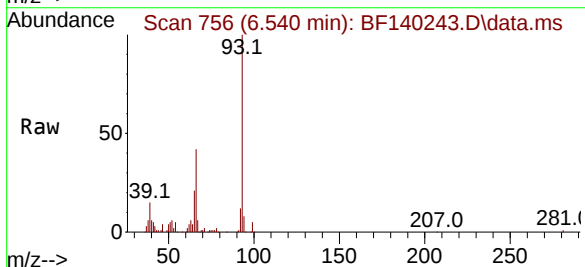
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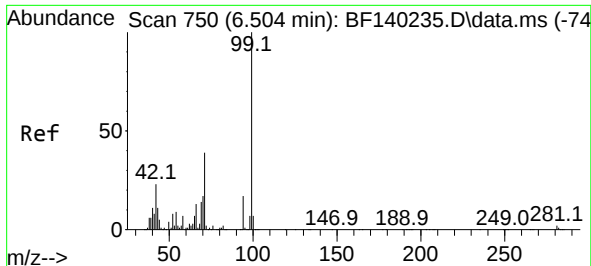
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#6
Aniline
Concen: 6.075 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

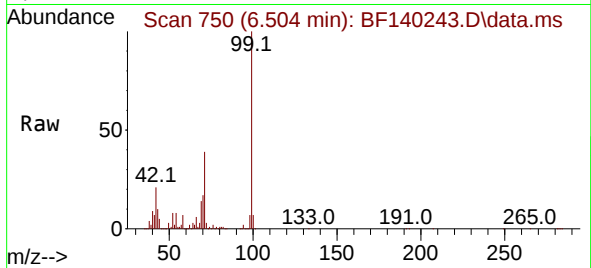
Tgt Ion: 93 Resp: 86325
Ion Ratio Lower Upper
93 100
66 42.1 33.6 50.4
65 21.3 17.5 26.3





#7
Phenol-d6
Concen: 108.125 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

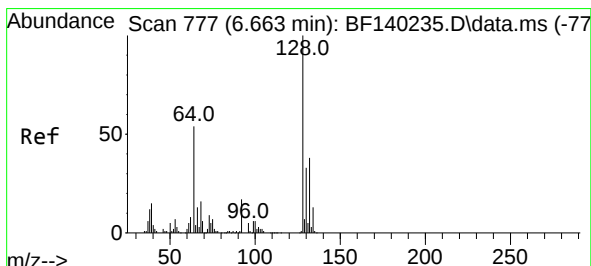
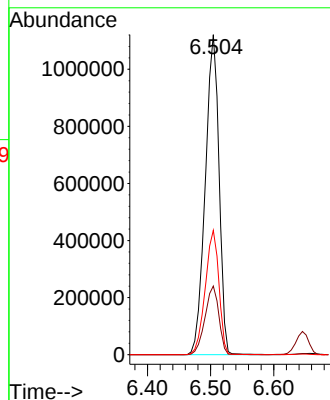
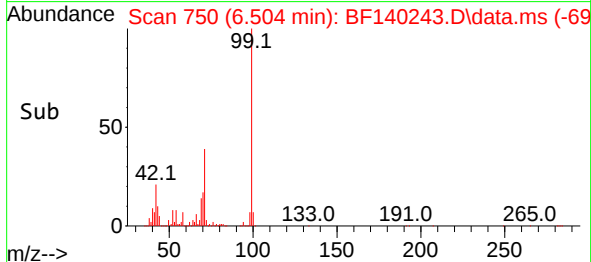
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 99 Resp: 170055
Ion Ratio Lower Upper
99 100
42 21.5 18.2 27.2
71 38.8 30.9 46.3

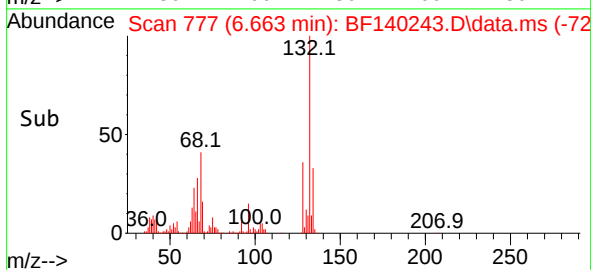
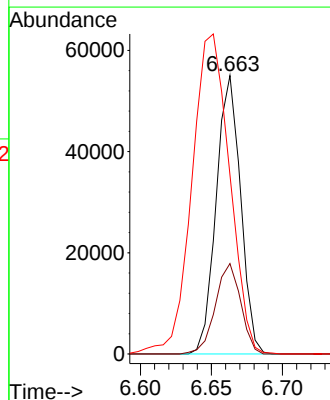
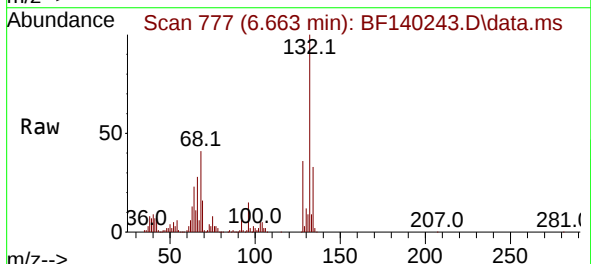
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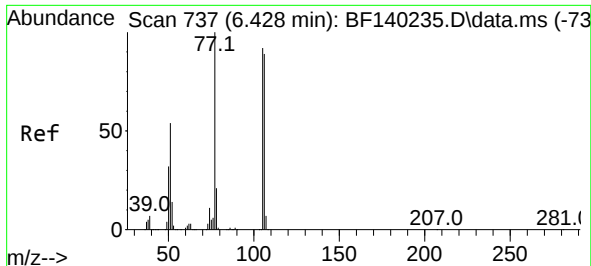
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#8
2-Chlorophenol
Concen: 5.128 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:128 Resp: 65613
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 64.3 36.3 76.3





#9

Benzaldehyde

Concen: 6.168 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140243.D

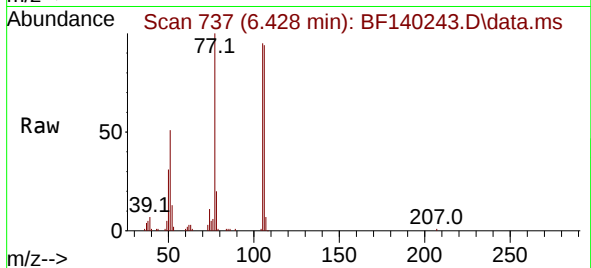
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Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



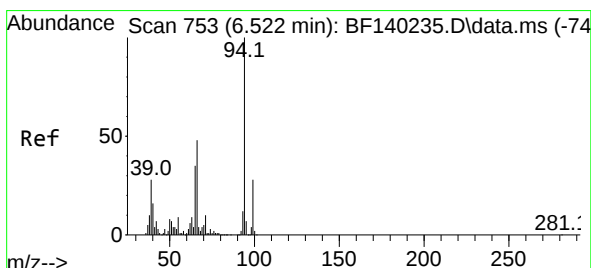
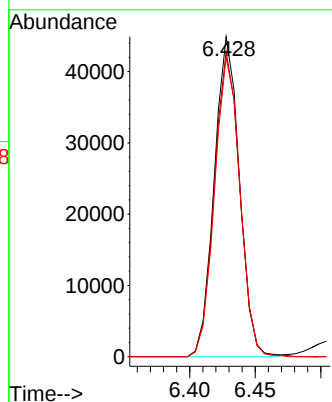
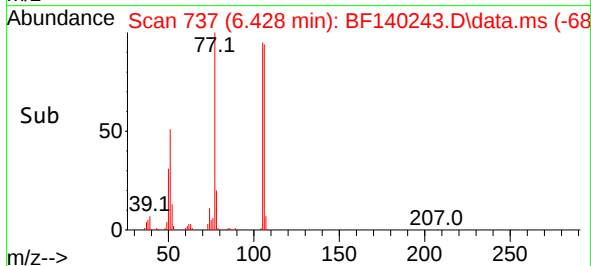
Tgt Ion: 77	Resp: 5975
Ion Ratio	Lower Upper
77 100	
105 95.3	72.1 112.1
106 93.6	68.8 108.8

Manual Integrations

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#10

Phenol

Concen: 5.157 ng

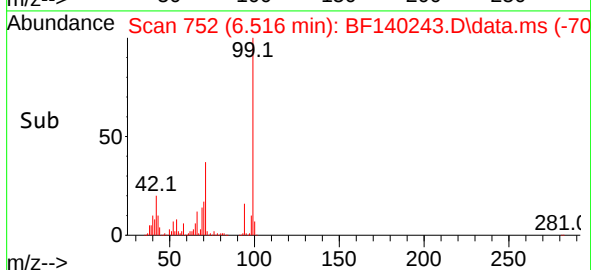
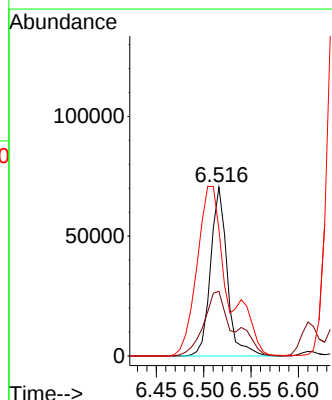
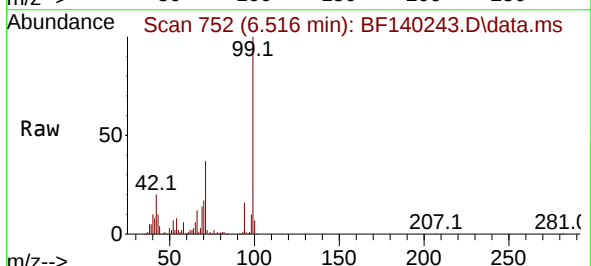
RT: 6.516 min Scan# 752

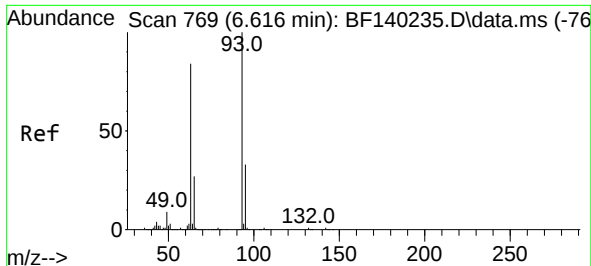
Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

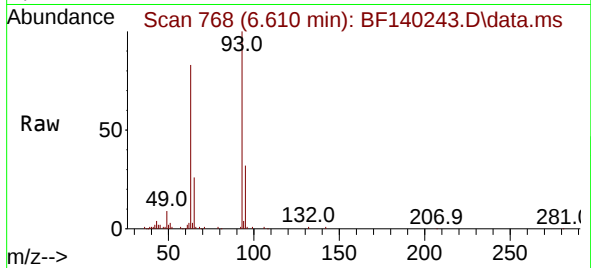
Tgt Ion: 94	Resp: 86143
Ion Ratio	Lower Upper
94 100	
65 38.3	15.1 55.1
66 75.0	28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 5.117 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

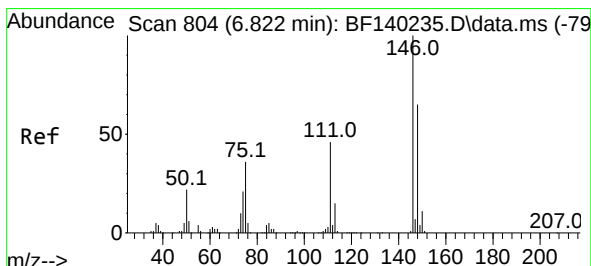
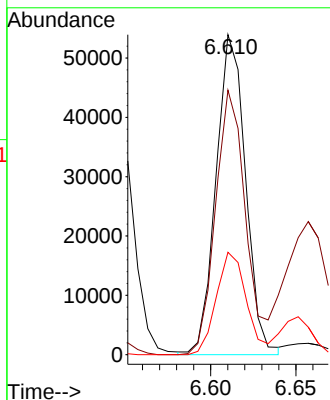
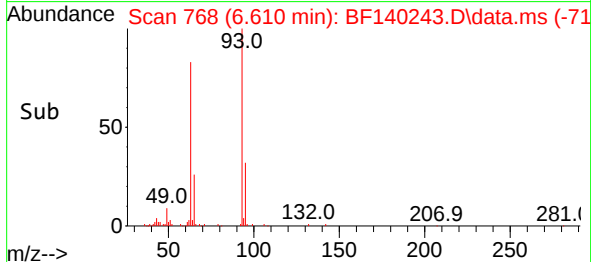
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024



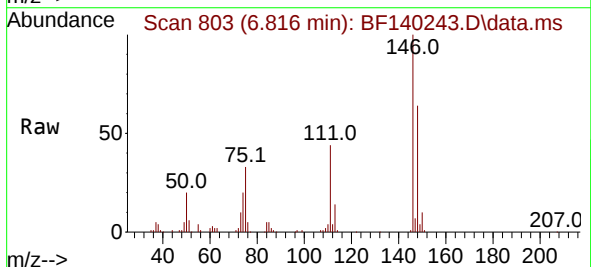
Tgt Ion: 93 Resp: 6493
Ion Ratio Lower Upper
93 100
63 82.7 63.6 103.6
95 32.0 12.7 52.7

Manual Integrations
APPROVED

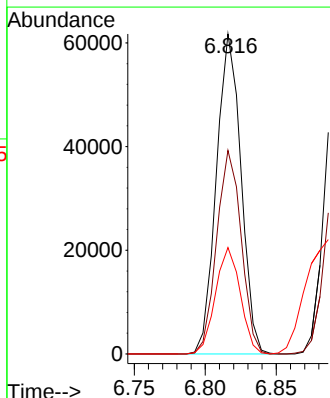
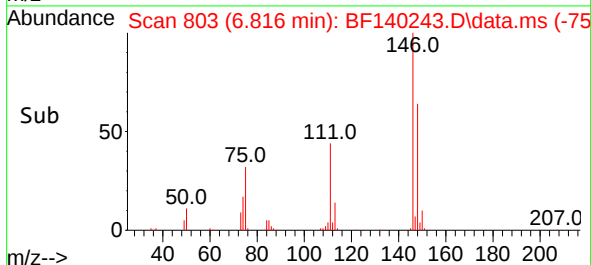
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

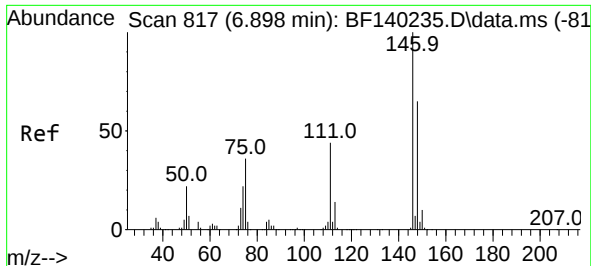


#12
1,3-Dichlorobenzene
Concen: 4.957 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56



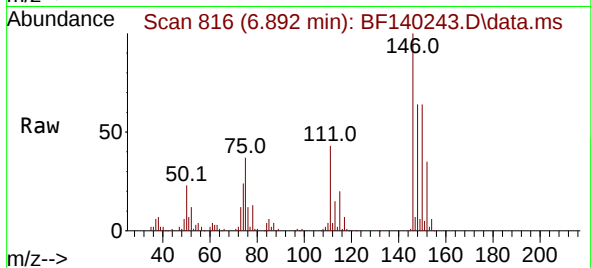
Tgt Ion:146 Resp: 74319
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
75 33.3 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 4.967 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

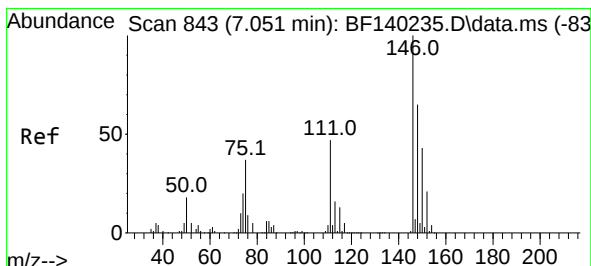
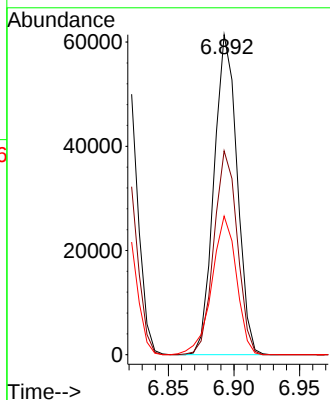
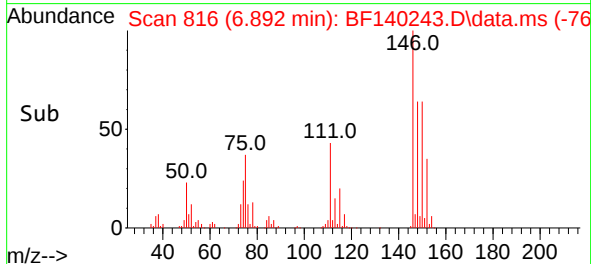
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:146 Resp: 7510
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 43.3 35.4 53.2

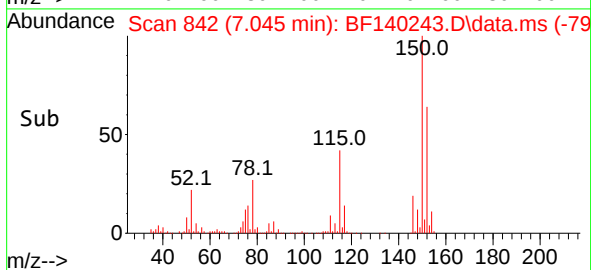
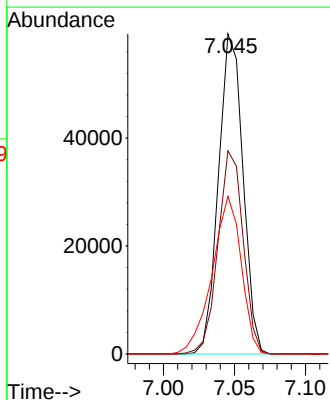
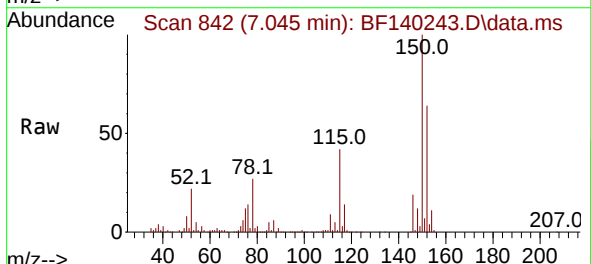
Manual Integrations
APPROVED

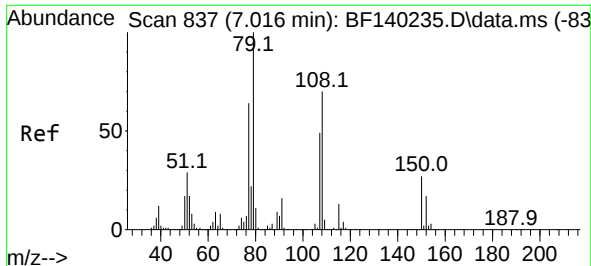
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#14
1,2-Dichlorobenzene
Concen: 5.029 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:146 Resp: 71029
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 49.2 37.9 56.9





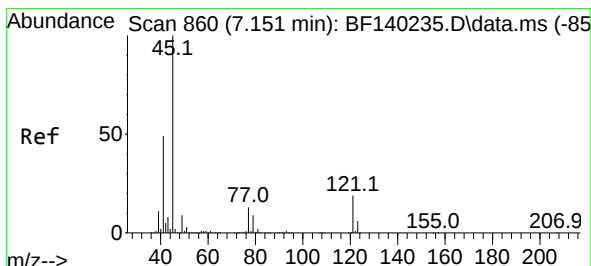
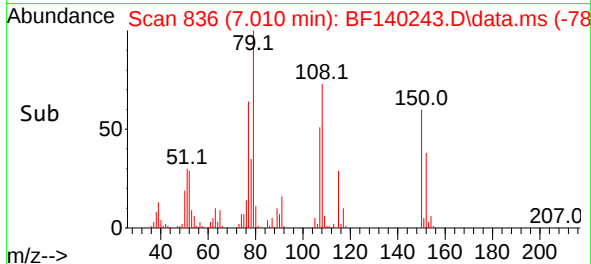
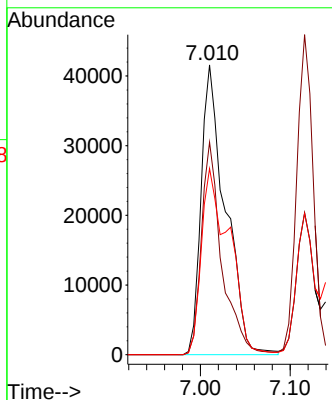
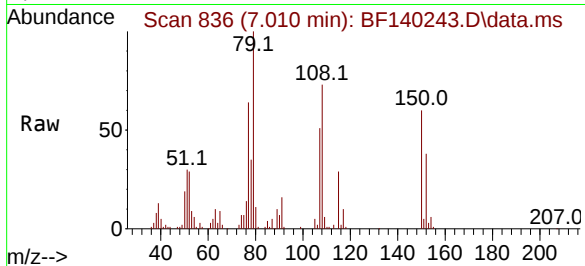
#15
Benzyl Alcohol
Concen: 6.443 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

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

Tgt Ion: 79 Resp: 78110
Ion Ratio Lower Upper
79 100
108 73.3 55.8 83.6
77 64.2 51.1 76.7

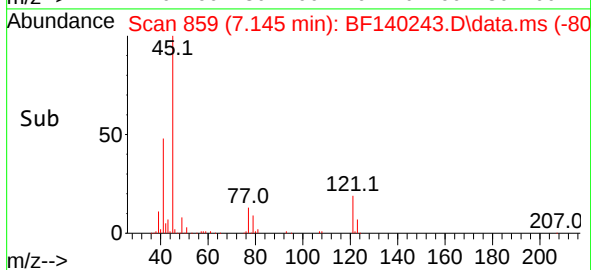
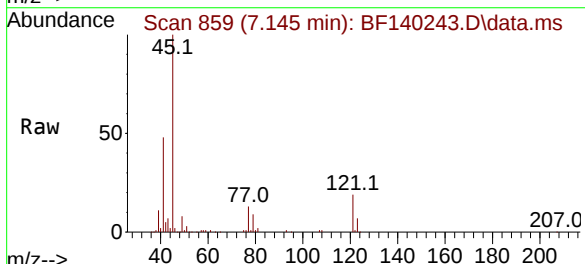
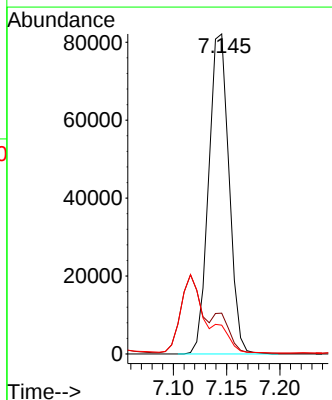
Manual Integrations
APPROVED

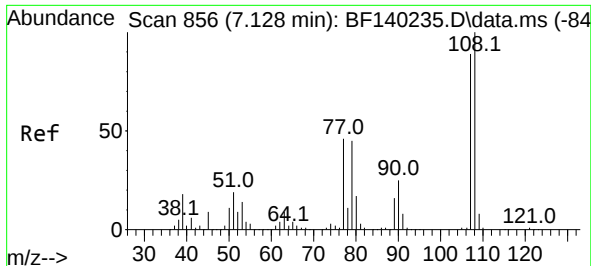
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.290 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion: 45 Resp: 108646
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.3
79 9.0 0.0 29.9





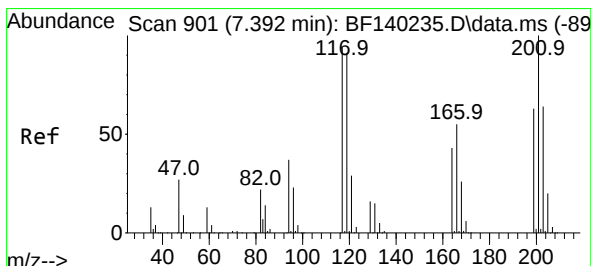
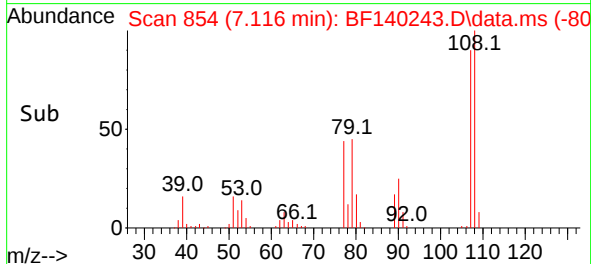
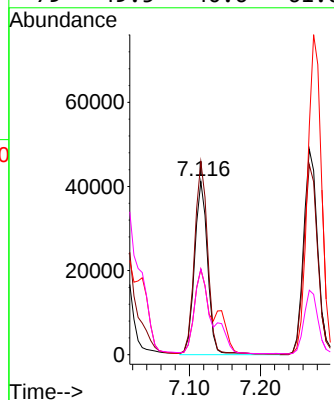
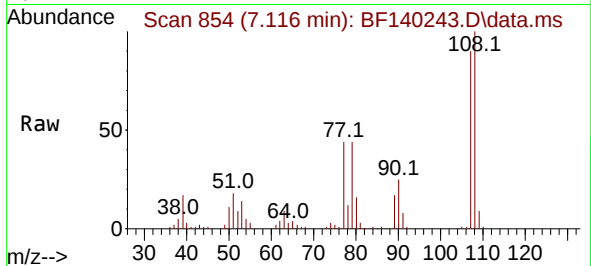
#17
2-Methylphenol
Concen: 4.993 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

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

Tgt Ion:	107	Resp:	53284
Ion Ratio	Lower	Upper	
107	100		
108	111.5	90.5	135.7
77	49.3	41.8	62.6
79	49.5	40.6	61.0

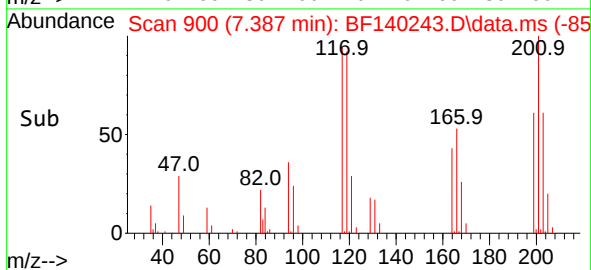
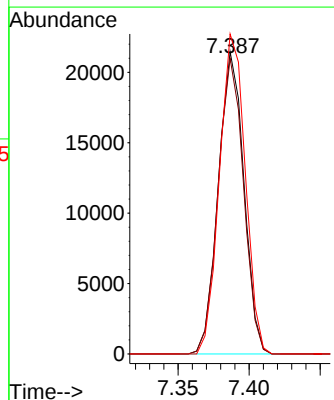
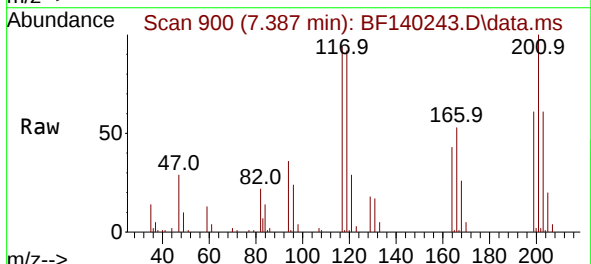
Manual Integrations
APPROVED

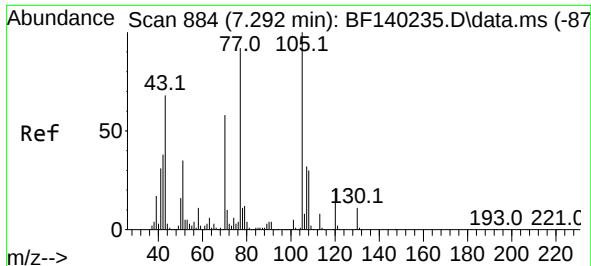
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 4.755 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

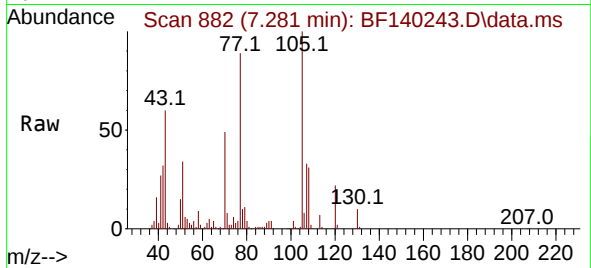
Tgt Ion:	117	Resp:	26785
Ion Ratio	Lower	Upper	
117	100		
119	97.8	77.3	115.9
201	105.9	85.1	127.7





#19
n-Nitroso-di-n-propylamine
Concen: 5.180 ng
RT: 7.281 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

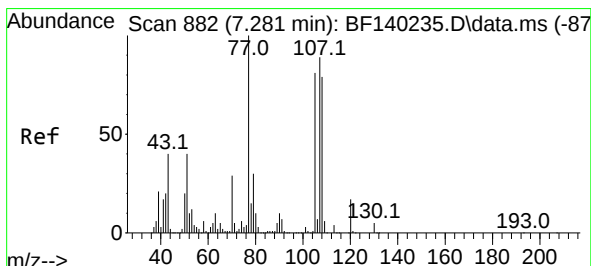
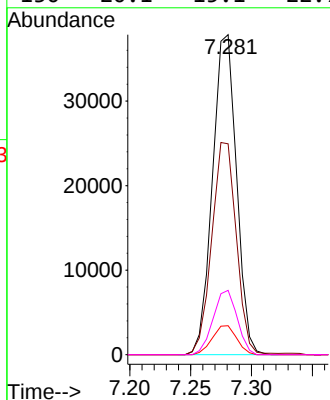
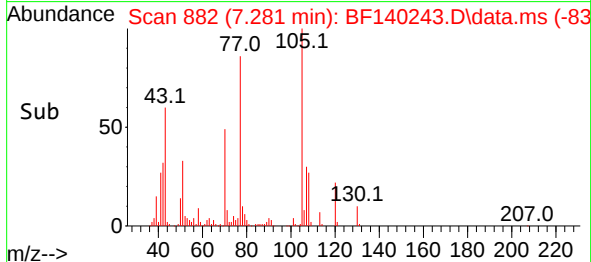
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024



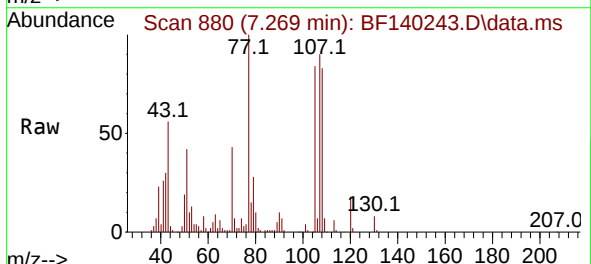
Tgt Ion:	70	Resp:	5197
Ion Ratio	Lower	Upper	
70	100		
42	65.9	52.8	79.2
101	9.0	7.4	11.2
130	20.1	15.1	22.7

Manual Integrations
APPROVED

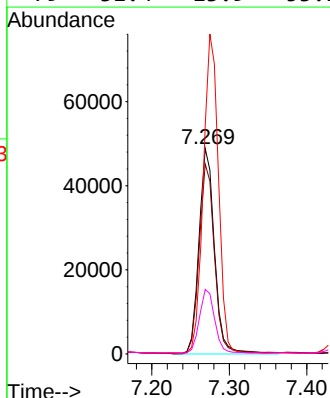
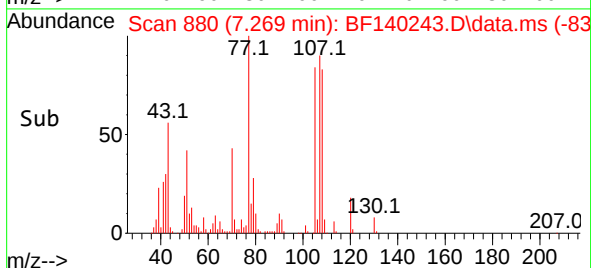
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

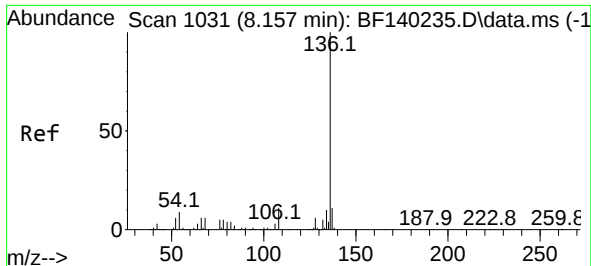


#20
3+4-Methylphenols
Concen: 5.089 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56



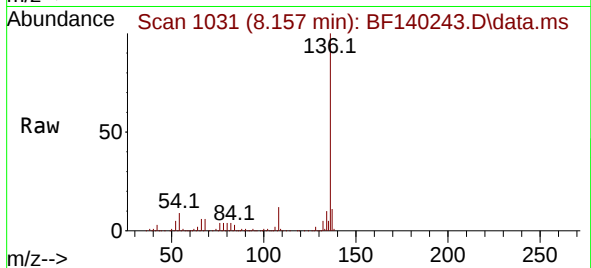
Tgt Ion:	107	Resp:	68215
Ion Ratio	Lower	Upper	
107	100		
108	92.5	69.4	109.4
77	111.4	92.7	132.7
79	31.4	13.9	53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

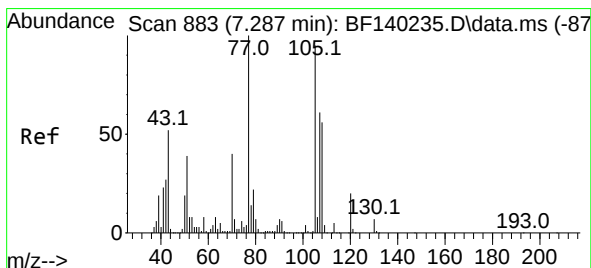
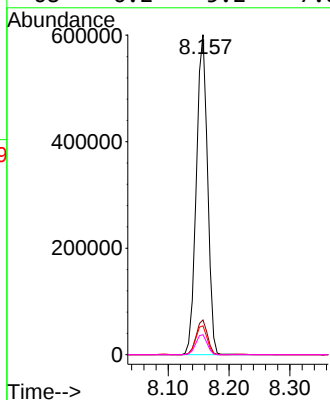
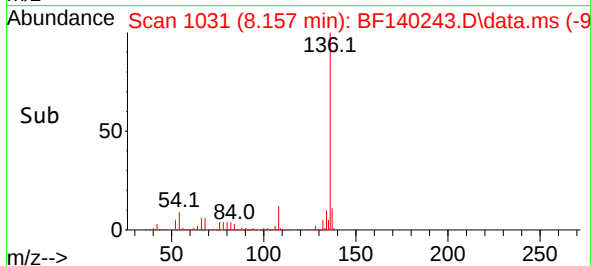
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:	136	Resp:	768910
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	9.0	7.7	11.5
68	6.2	5.2	7.8

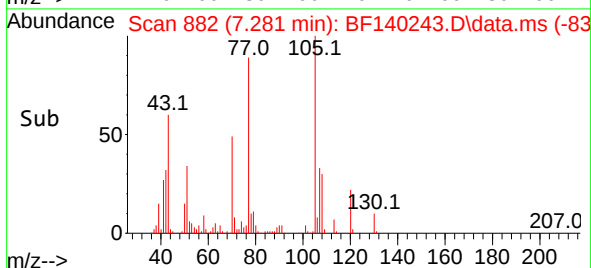
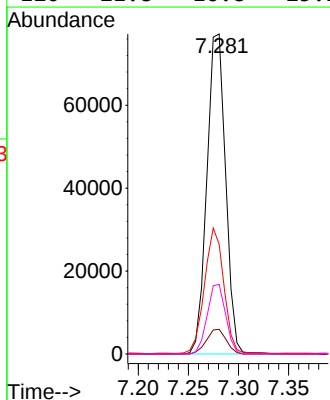
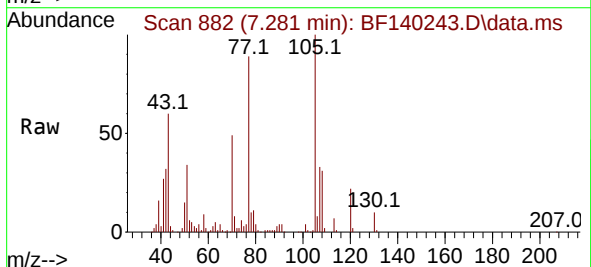
Manual Integrations
APPROVED

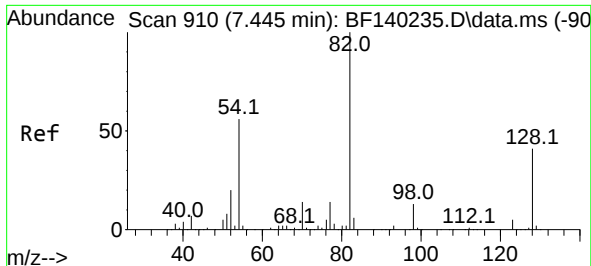
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#22
Acetophenone
Concen: 5.278 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:	105	Resp:	100614
Ion Ratio	Lower	Upper	
105	100		
71	7.7	5.6	8.4
51	34.2	33.2	49.8
120	21.8	16.8	25.2





#23

Nitrobenzene-d5

Concen: 78.319 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 82 Resp: 1211230

Ion Ratio Lower Upper

82 100

128 41.1 32.8 49.2

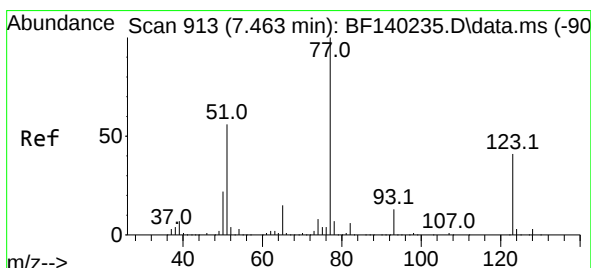
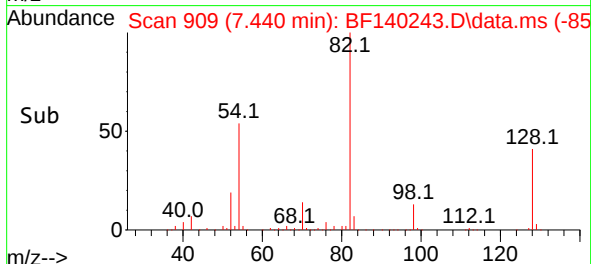
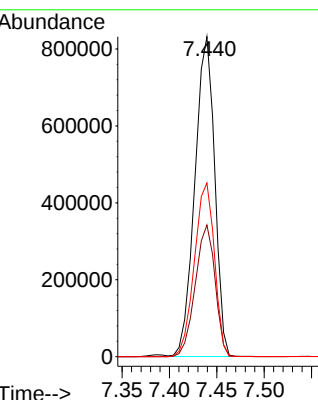
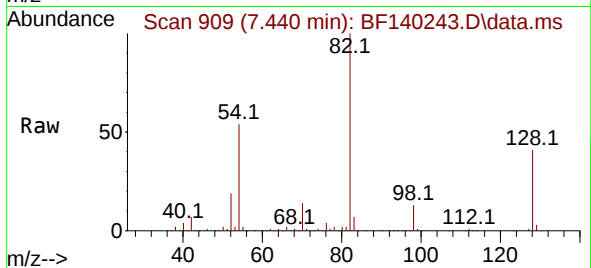
54 54.3 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#24

Nitrobenzene

Concen: 4.910 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

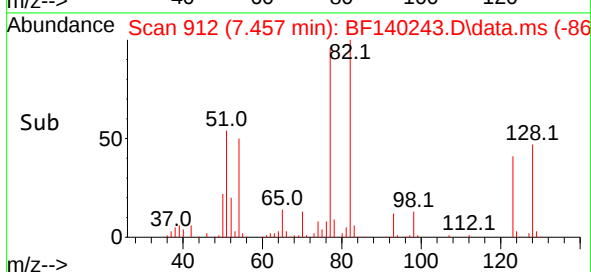
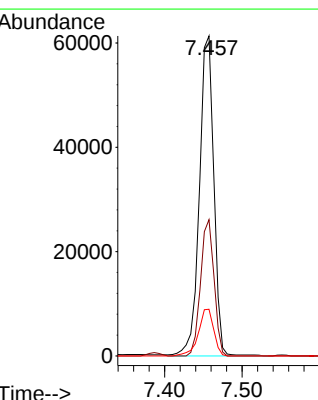
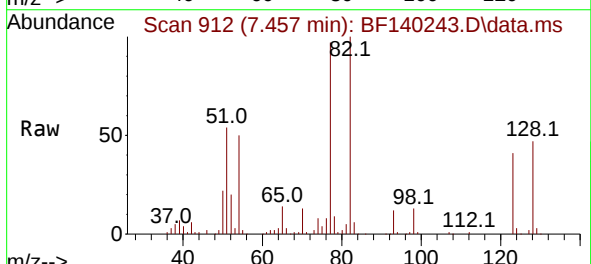
Tgt Ion: 77 Resp: 79685

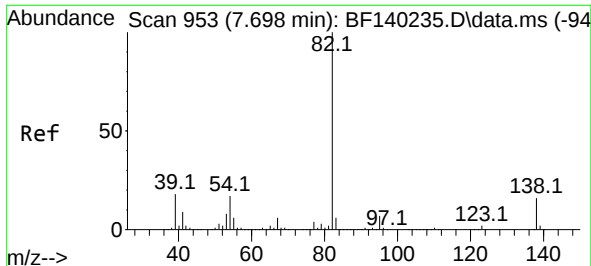
Ion Ratio Lower Upper

77 100

123 42.6 33.0 49.4

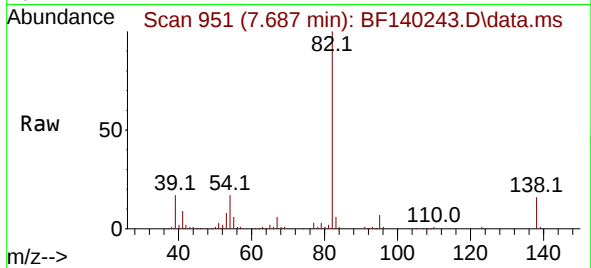
65 14.6 11.7 17.5





#25
Isophorone
Concen: 4.989 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

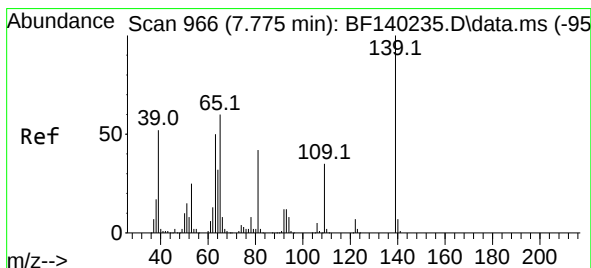
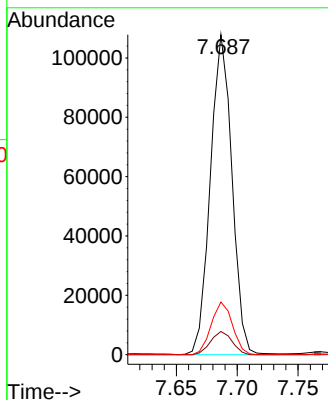
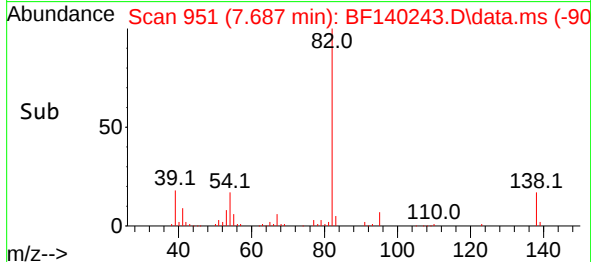
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 13285
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.5 12.9 19.3

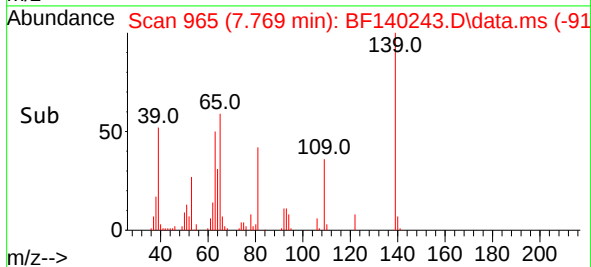
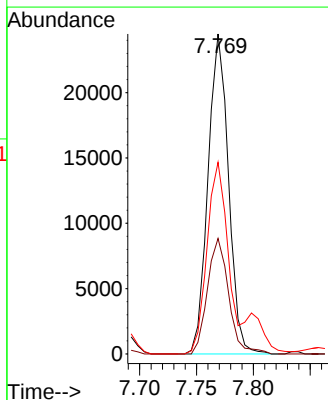
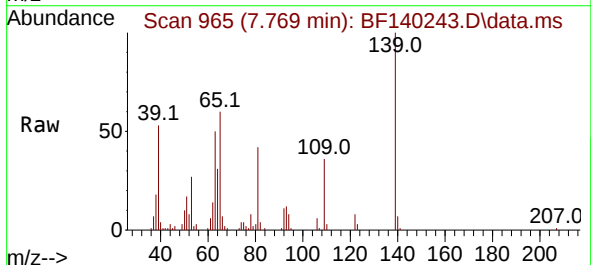
Manual Integrations
APPROVED

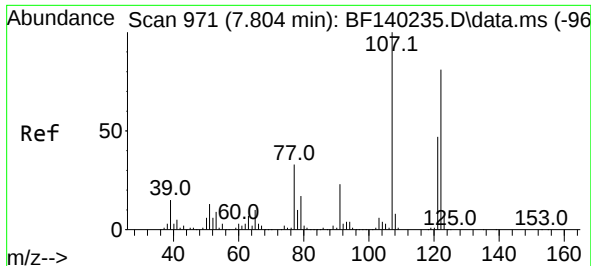
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 4.747 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

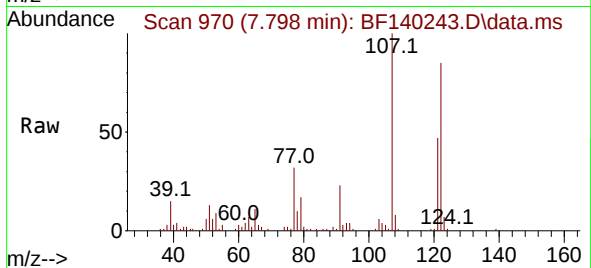
Tgt Ion:139 Resp: 30640
Ion Ratio Lower Upper
139 100
109 36.1 27.8 41.8
65 59.9 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 3.901 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

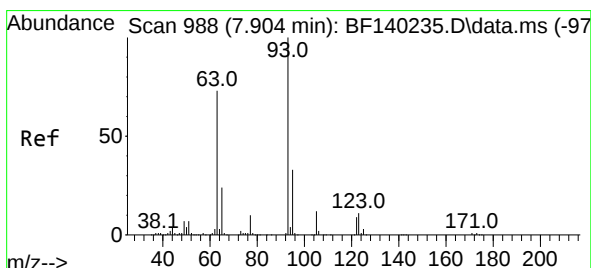
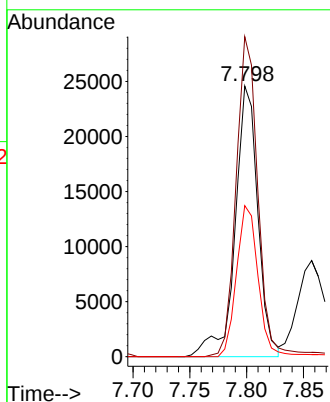
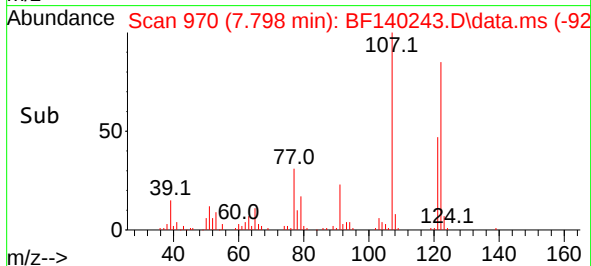
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:122 Resp: 3426
Ion Ratio Lower Upper
122 100
107 118.2 99.4 149.0
121 55.8 47.1 70.7

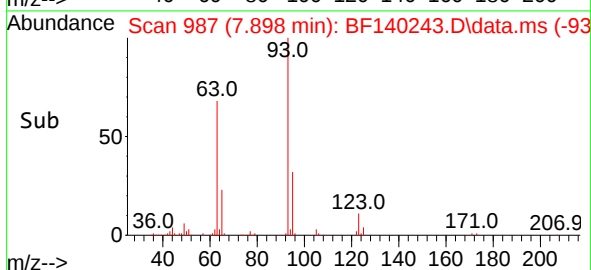
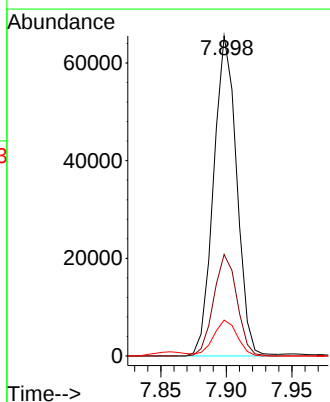
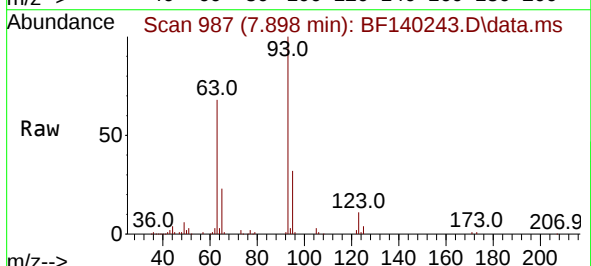
Manual Integrations
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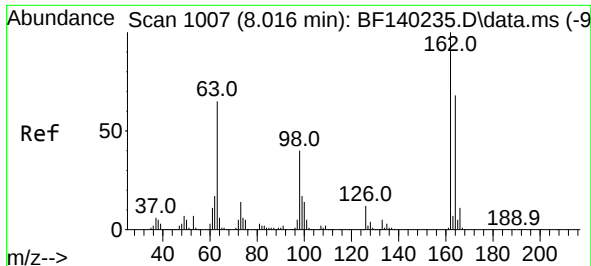
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 5.040 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion: 93 Resp: 80308
Ion Ratio Lower Upper
93 100
95 31.7 26.1 39.1
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 5.008 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

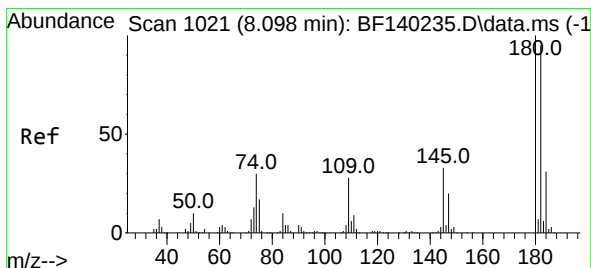
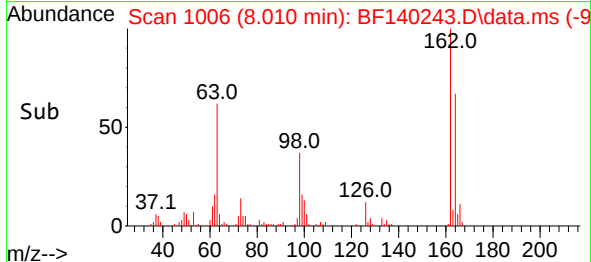
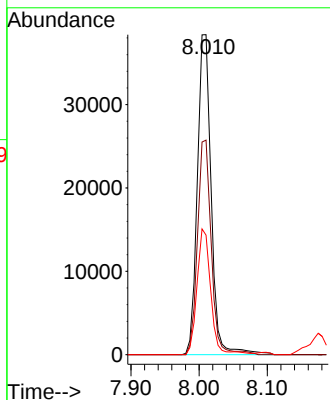
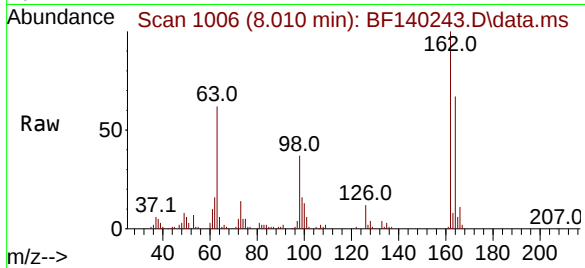
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:162 Resp: 5440
Ion Ratio Lower Upper
162 100
164 67.1 47.5 87.5
98 37.3 19.5 59.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.968 ng

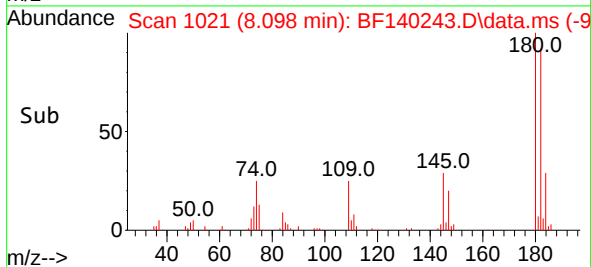
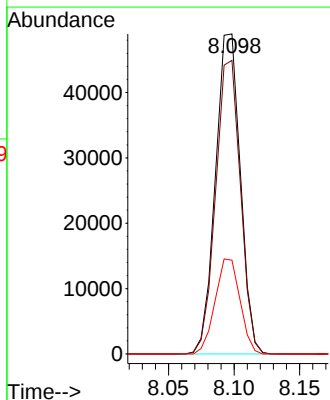
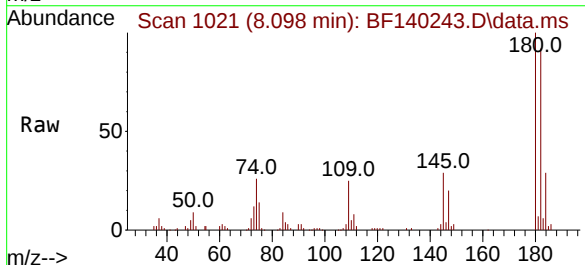
RT: 8.098 min Scan# 1021

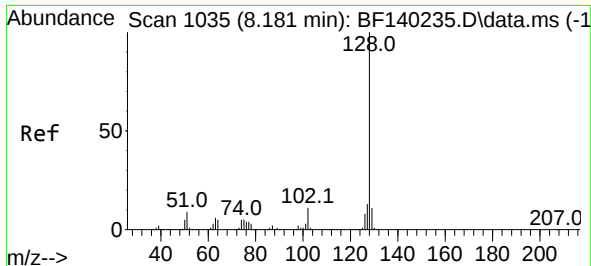
Delta R.T. 0.000 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

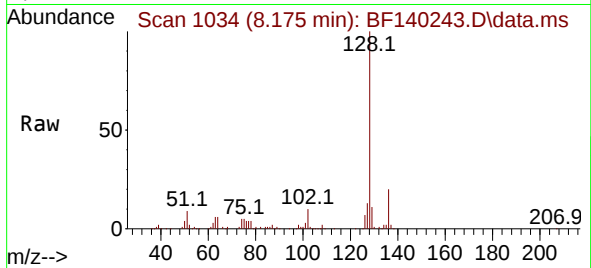
Tgt Ion:180 Resp: 64674
Ion Ratio Lower Upper
180 100
182 91.8 75.9 113.9
145 29.3 26.1 39.1





#31
Naphthalene
Concen: 5.022 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

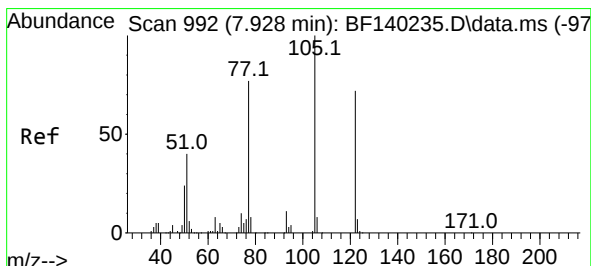
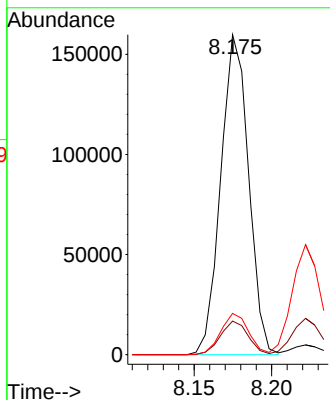
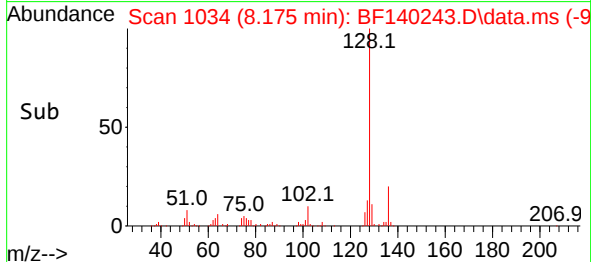
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 199392
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 12.9 10.7 16.1

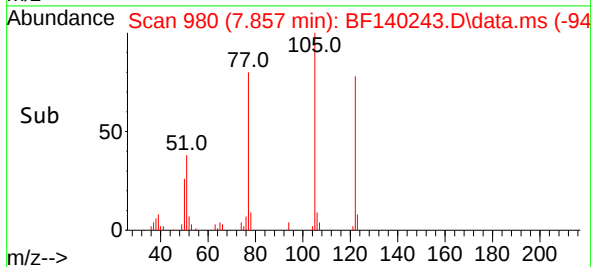
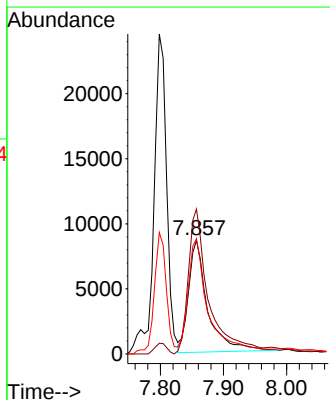
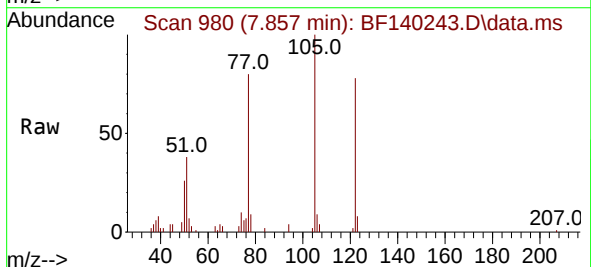
Manual Integrations
APPROVED

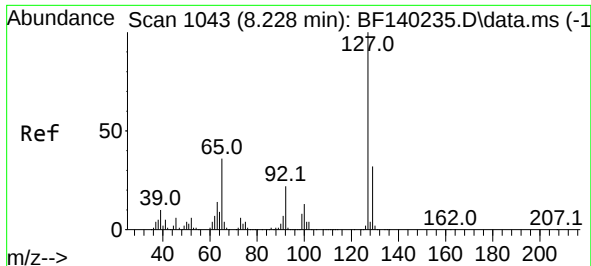
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#32
Benzoic acid
Concen: 2.522 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.071 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

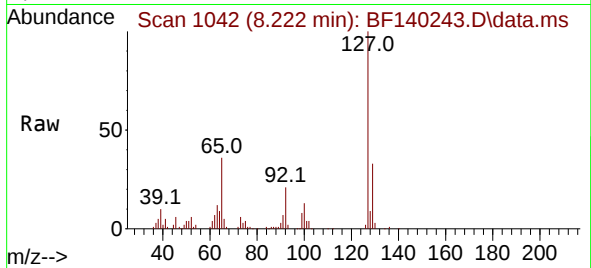
Tgt Ion:122 Resp: 18175
Ion Ratio Lower Upper
122 100
105 127.6 112.6 152.6
77 101.5 84.3 124.3





#33
4-Chloroaniline
Concen: 5.546 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

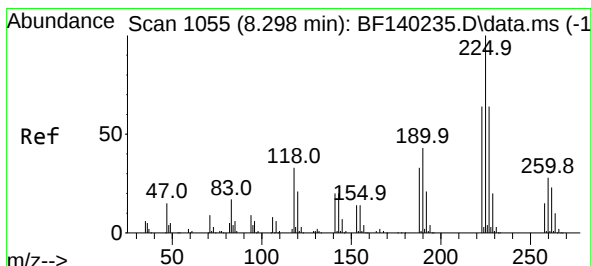
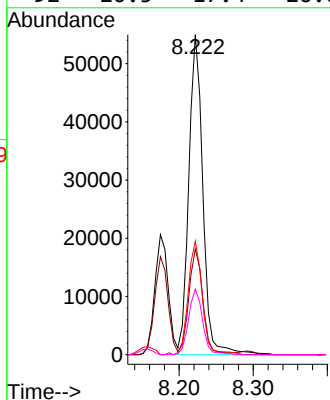
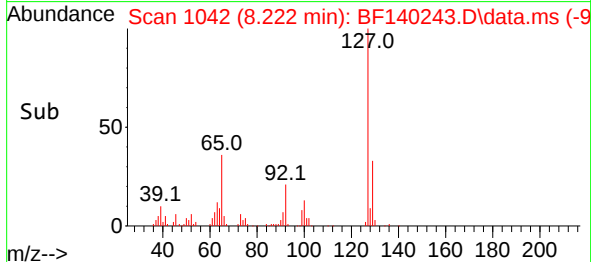
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:	127	Resp:	72498
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.8	38.6
65	35.5	29.0	43.6
92	20.5	17.4	26.0

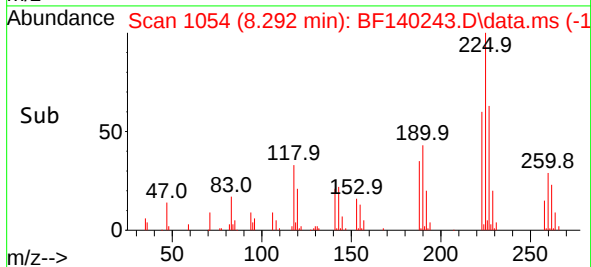
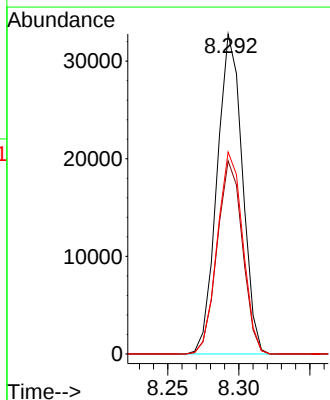
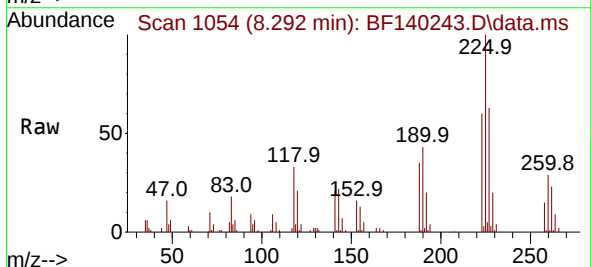
Manual Integrations
APPROVED

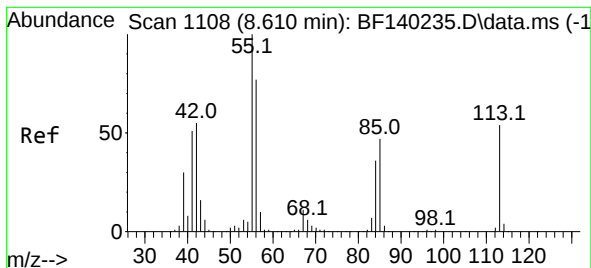
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#34
Hexachlorobutadiene
Concen: 4.611 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:	225	Resp:	40628
Ion Ratio	Lower	Upper	
225	100		
223	60.3	50.8	76.2
227	63.1	51.0	76.6





#35

Caprolactam

Concen: 4.749 ng

RT: 8.551 min Scan# 1108

Delta R.T. -0.059 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

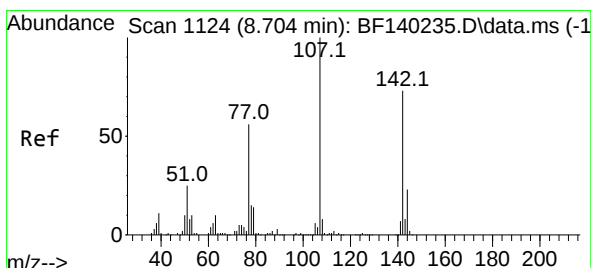
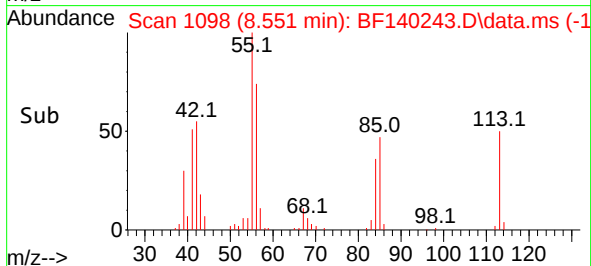
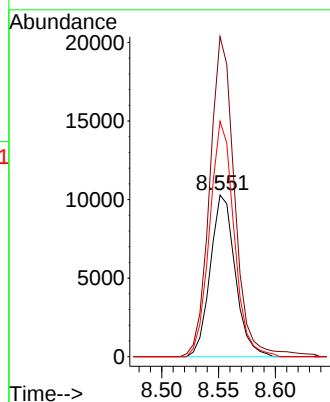
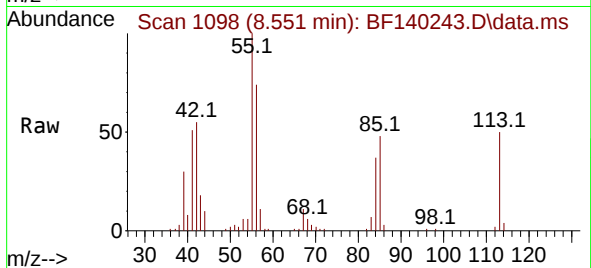
Tgt Ion:	113	Resp:	1569
Ion Ratio	Lower	Upper	
113	100		
55	198.1	165.2	205.2
56	145.7	122.1	162.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#36

4-Chloro-3-methylphenol

Concen: 4.860 ng

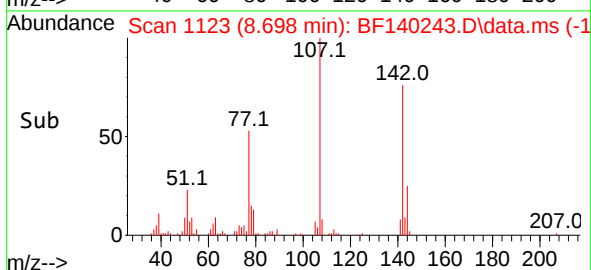
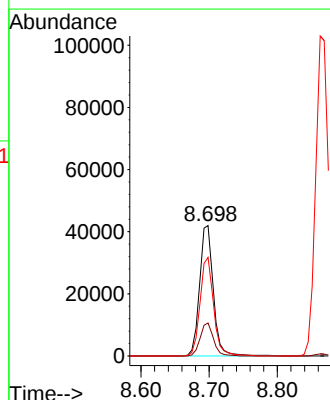
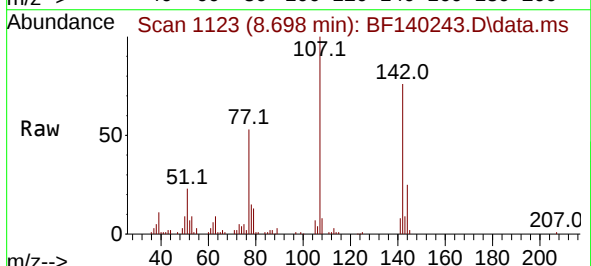
RT: 8.698 min Scan# 1123

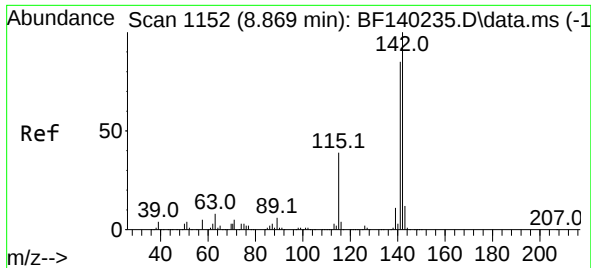
Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Tgt Ion:	107	Resp:	58781
Ion Ratio	Lower	Upper	
107	100		
144	25.3	18.6	27.8
142	75.7	58.1	87.1





#37

2-Methylnaphthalene

Concen: 5.179 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:142 Resp: 134198

Ion Ratio Lower Upper

142 100

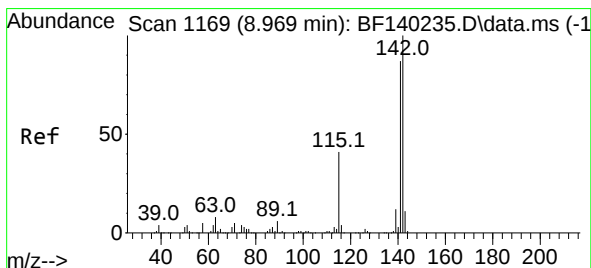
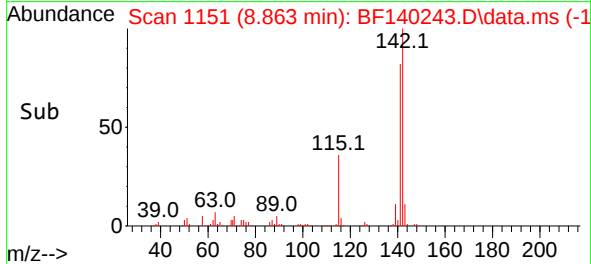
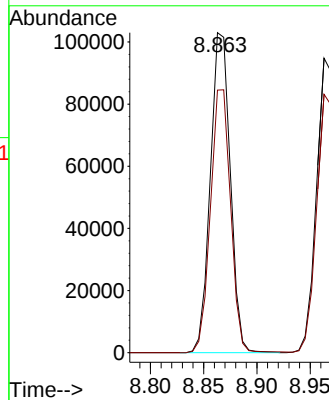
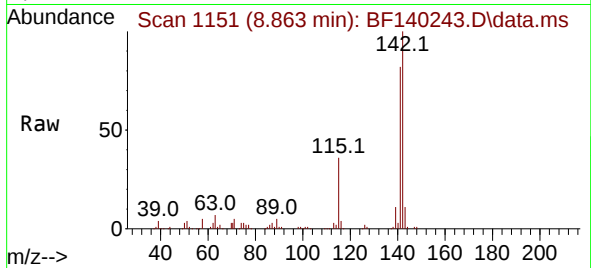
141 82.1 67.8 101.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#38

1-Methylnaphthalene

Concen: 4.832 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140243.D

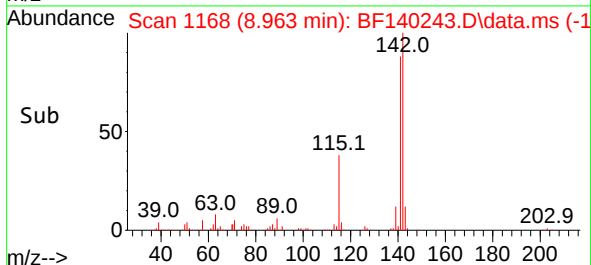
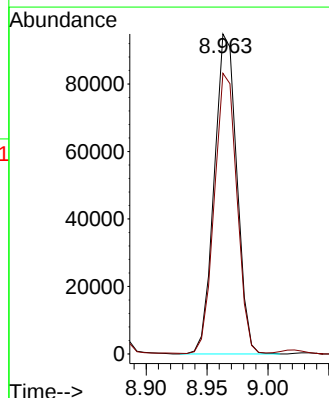
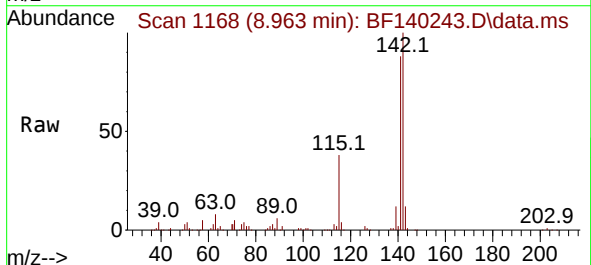
Acq: 05 Nov 2024 17:56

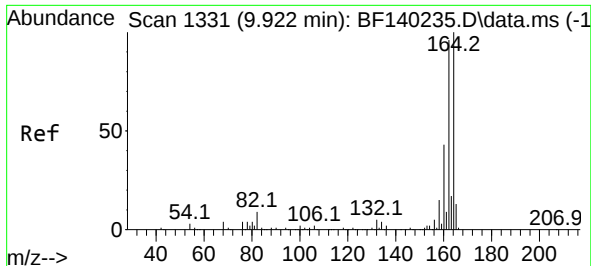
Tgt Ion:142 Resp: 122735

Ion Ratio Lower Upper

142 100

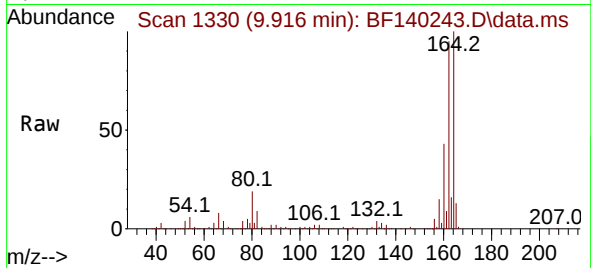
141 87.7 69.7 104.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

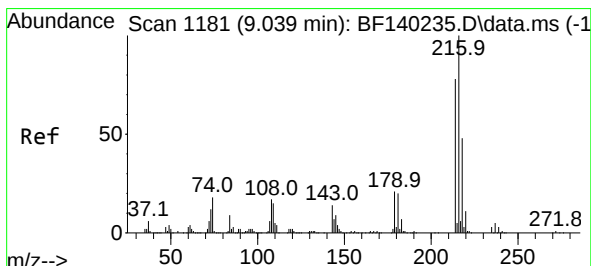
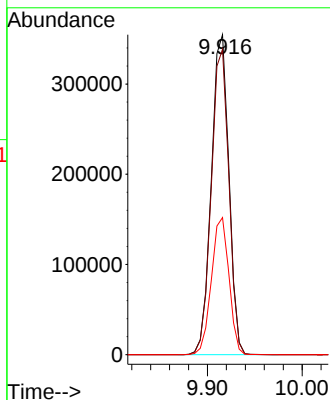
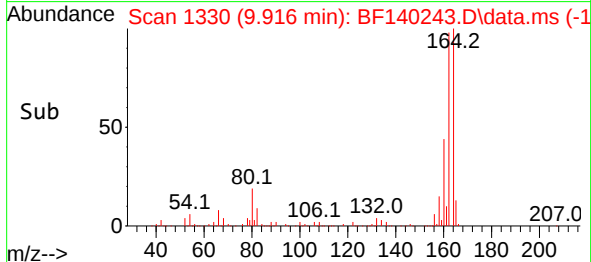
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:164 Resp: 457095
Ion Ratio Lower Upper
164 100
162 95.5 77.0 115.4
160 42.9 34.1 51.1

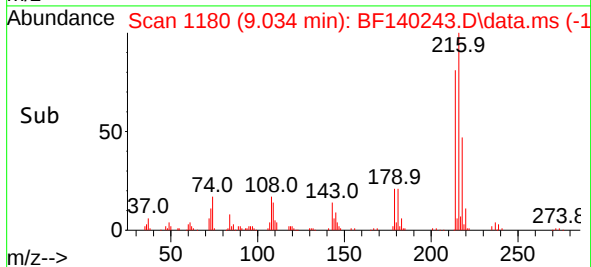
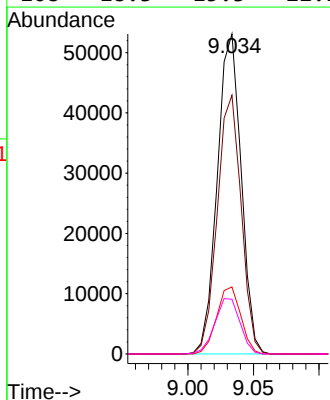
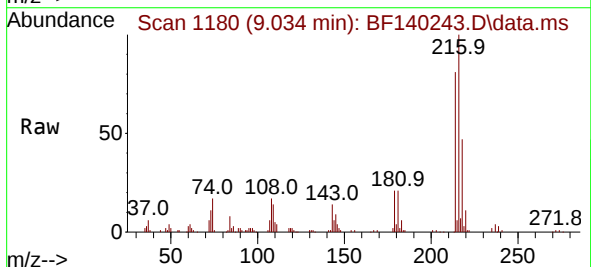
Manual Integrations
APPROVED

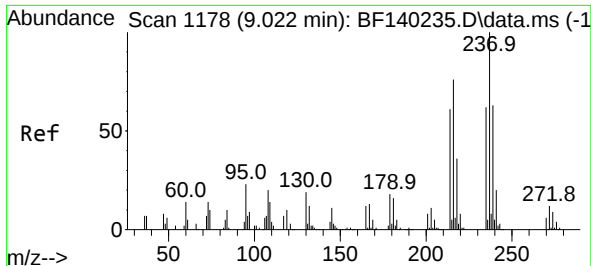
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.016 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:216 Resp: 67119
Ion Ratio Lower Upper
216 100
214 80.9 62.8 94.2
179 21.2 17.3 25.9
108 18.3 15.3 22.9





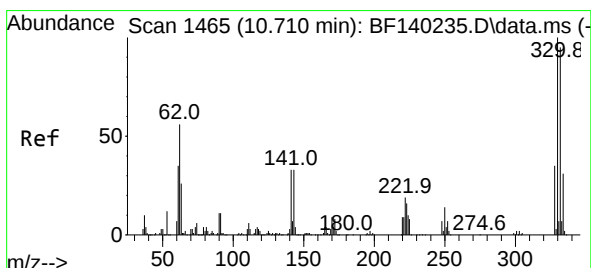
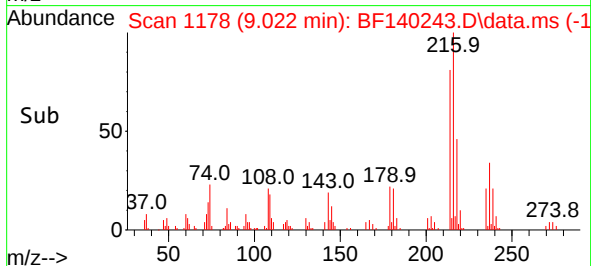
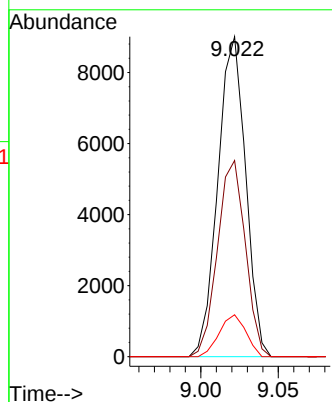
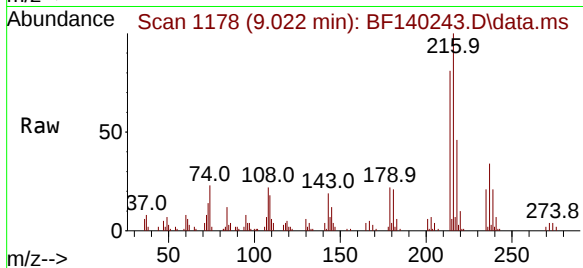
#41
Hexachlorocyclopentadiene
Concen: 2.996 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

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

Tgt Ion:237 Resp: 1123
Ion Ratio Lower Upper
237 100
235 61.3 41.8 81.8
272 13.1 0.0 31.8

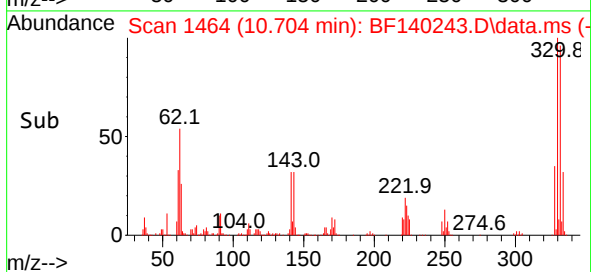
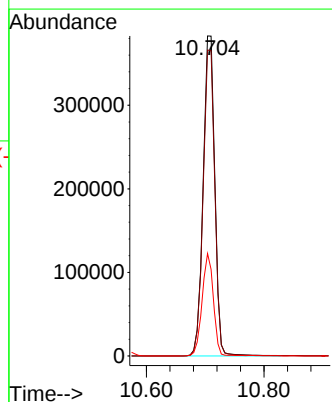
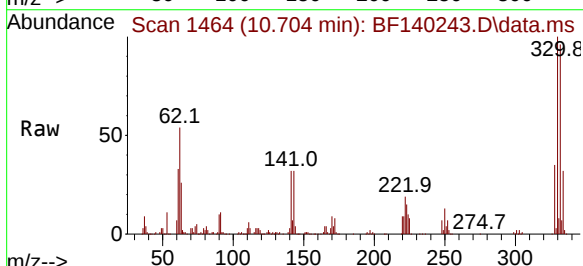
Manual Integrations
APPROVED

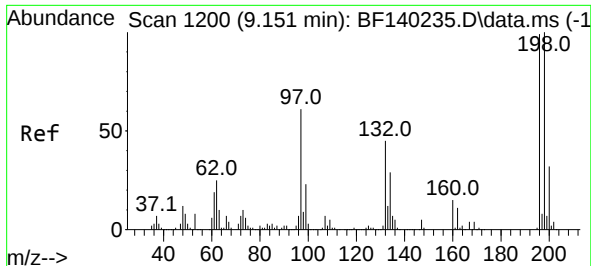
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#42
2,4,6-Tribromophenol
Concen: 116.684 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

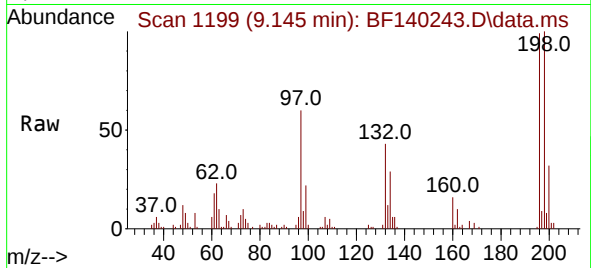
Tgt Ion:330 Resp: 527195
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 31.0 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 4.684 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

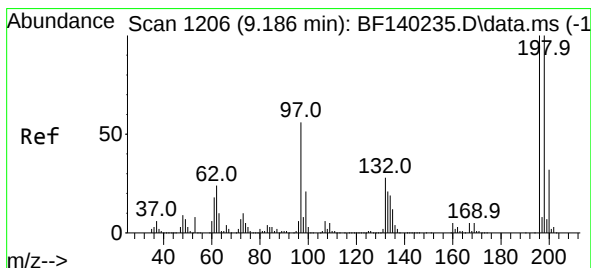
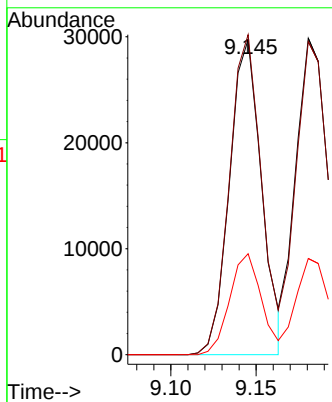
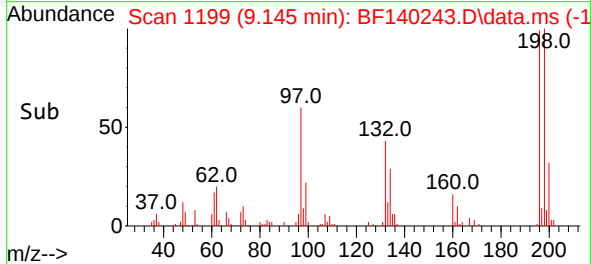
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:196 Resp: 3884
Ion Ratio Lower Upper
196 100
198 101.5 80.8 121.2
200 32.0 26.0 39.0

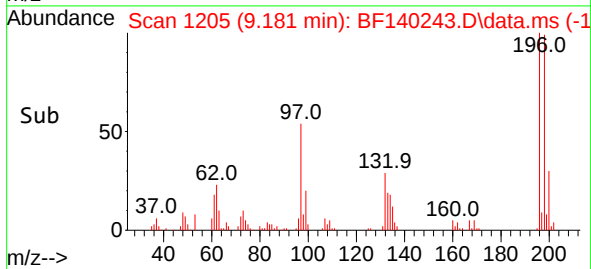
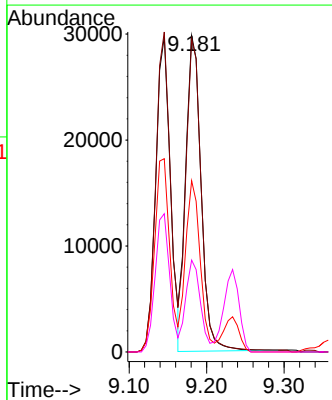
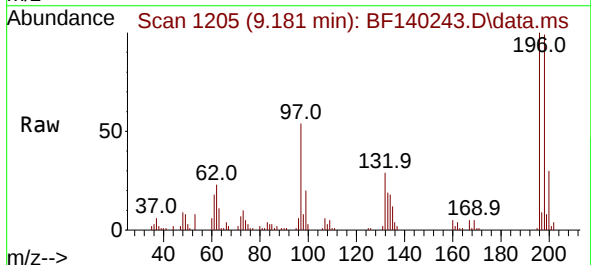
Manual Integrations
APPROVED

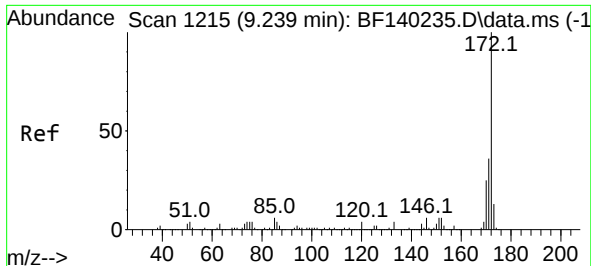
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#44
2,4,5-Trichlorophenol
Concen: 4.695 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

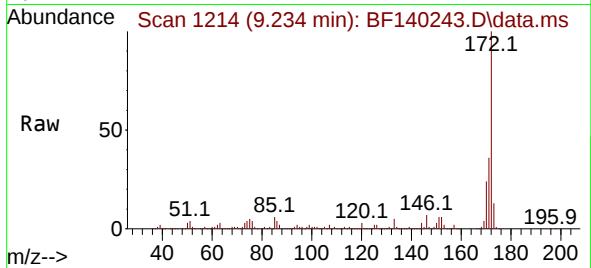
Tgt Ion:196 Resp: 40932
Ion Ratio Lower Upper
196 100
198 98.9 80.0 120.0
97 54.1 45.7 68.5
132 29.0 23.0 34.6





#45
2-Fluorobiphenyl
Concen: 75.058 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

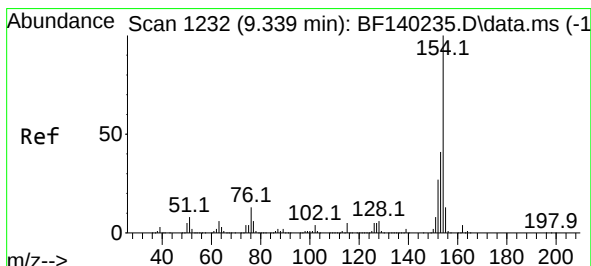
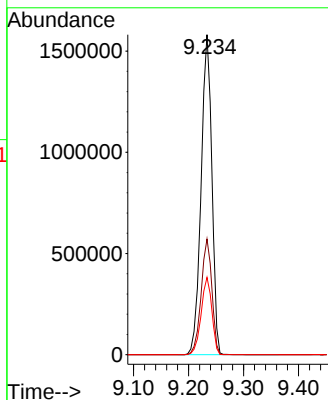
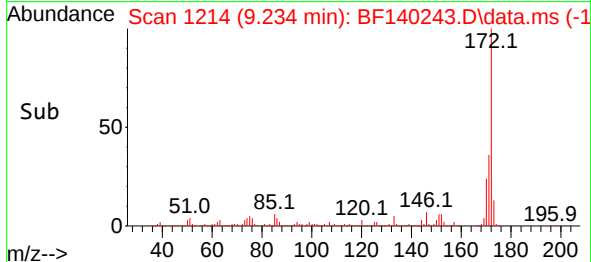
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



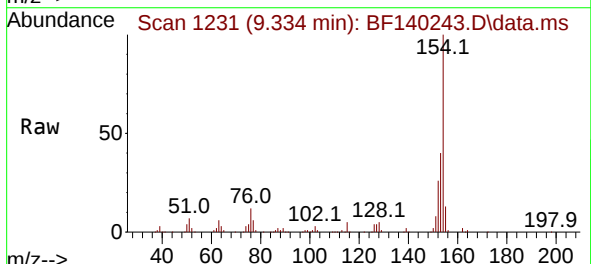
Tgt Ion:172 Resp: 2148579
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.2 19.6 29.4

Manual Integrations
APPROVED

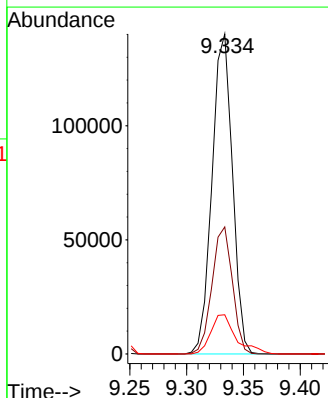
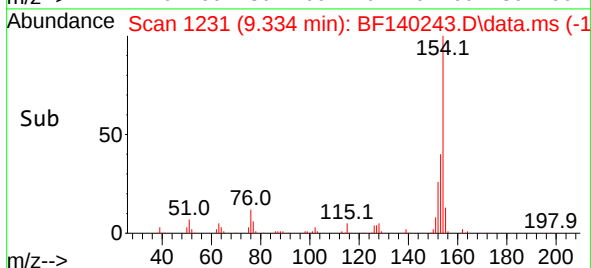
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

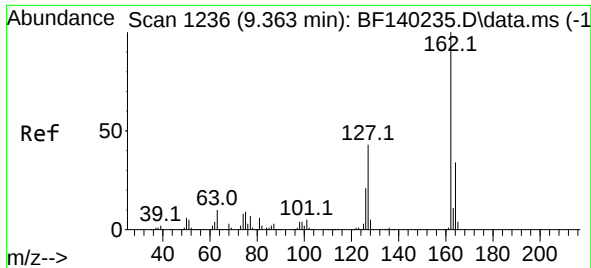


#46
1,1'-Biphenyl
Concen: 5.313 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56



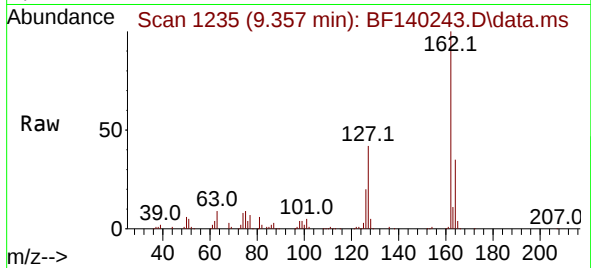
Tgt Ion:154 Resp: 175554
Ion Ratio Lower Upper
154 100
153 39.7 20.8 60.8
76 12.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 4.910 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

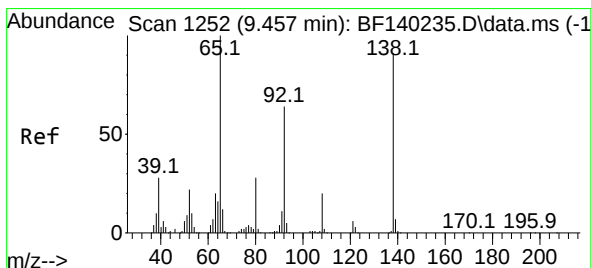
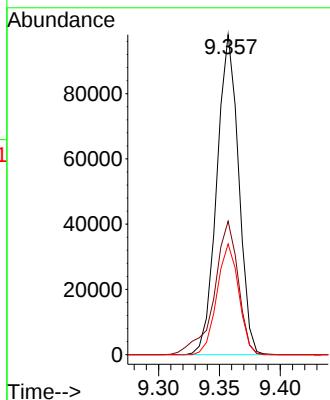
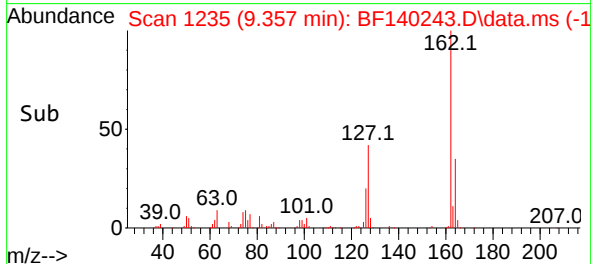
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:162 Resp: 122098
Ion Ratio Lower Upper
162 100
127 41.7 34.8 52.2
164 34.6 27.3 40.9

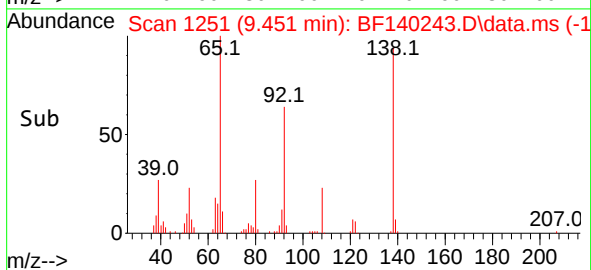
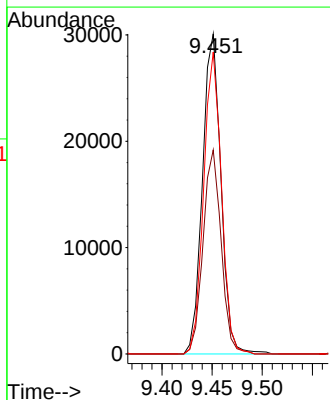
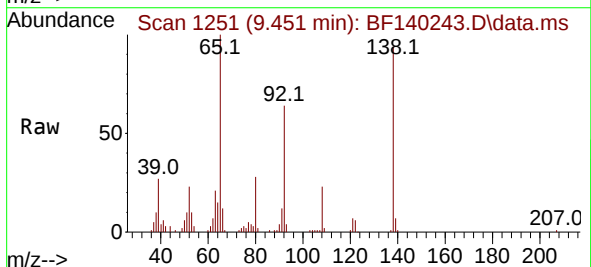
Manual Integrations
APPROVED

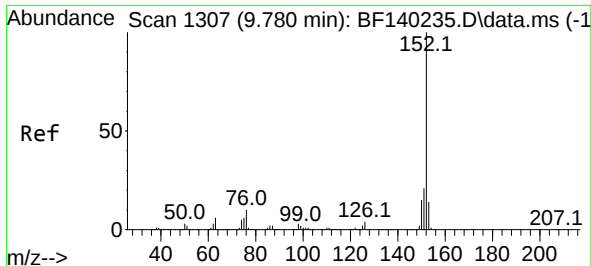
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#48
2-Nitroaniline
Concen: 4.647 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

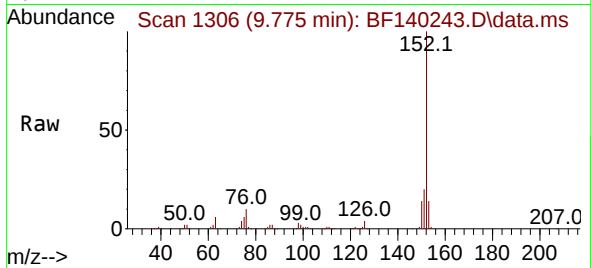
Tgt Ion: 65 Resp: 38646
Ion Ratio Lower Upper
65 100
92 63.8 51.6 77.4
138 94.4 73.0 109.6





#49
Acenaphthylene
Concen: 5.526 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

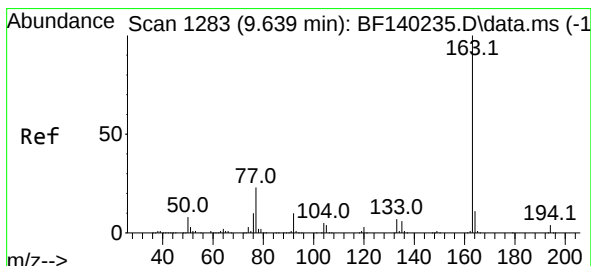
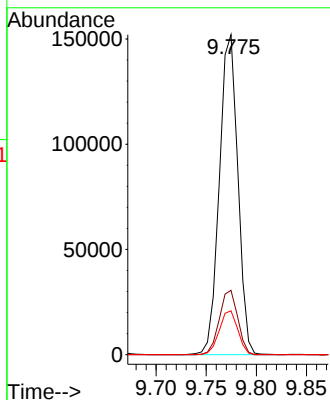
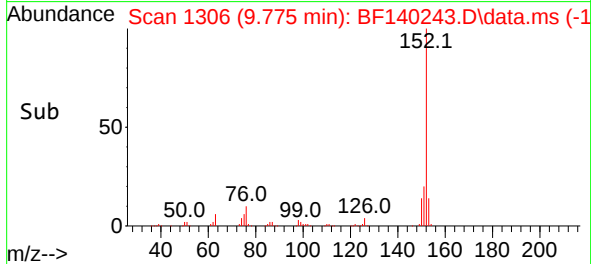
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



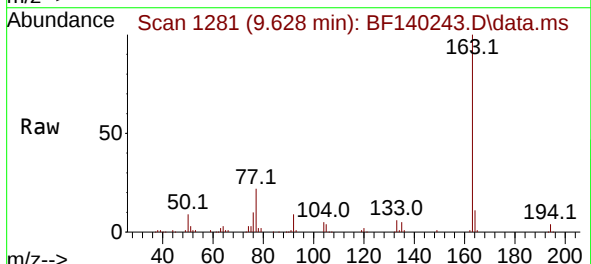
Tgt Ion:152 Resp: 19453
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.7 11.1 16.7

Manual Integrations
APPROVED

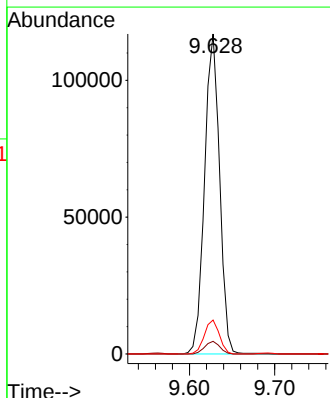
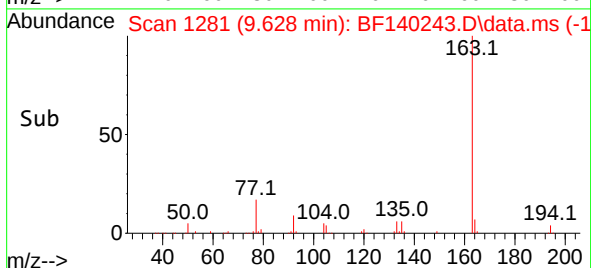
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

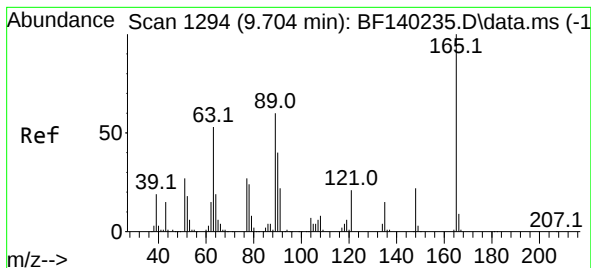


#50
Dimethylphthalate
Concen: 5.087 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56



Tgt Ion:163 Resp: 143205
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.6 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 4.798 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

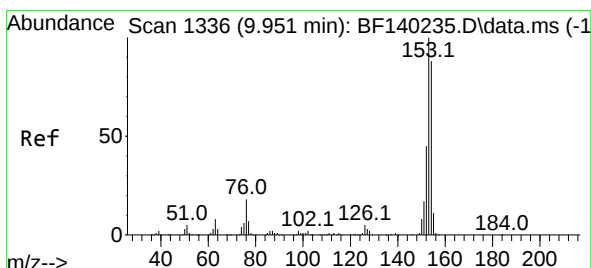
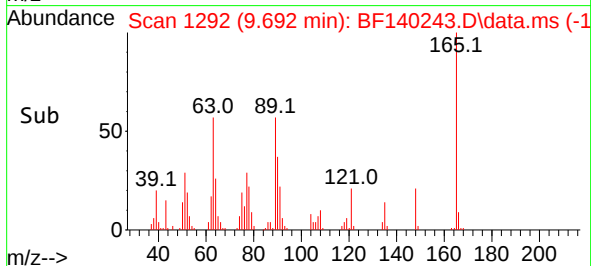
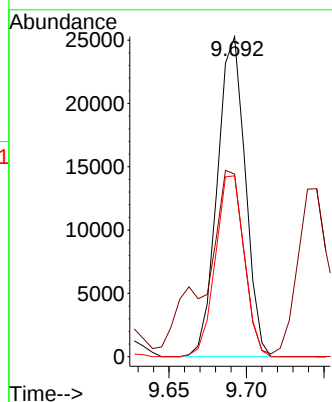
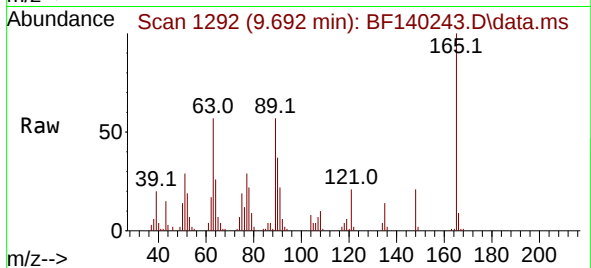
Tgt Ion:165	Resp:	3174
Ion Ratio	Lower	Upper
165	100	
63	57.1	48.8 73.2
89	56.5	48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#52

Acenaphthene

Concen: 4.826 ng

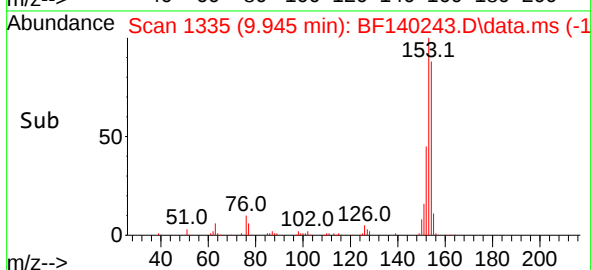
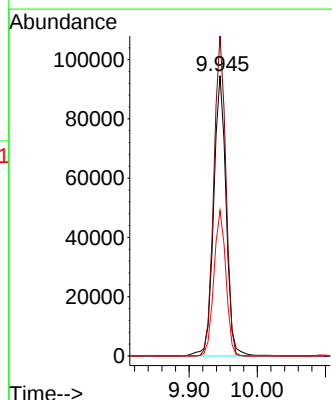
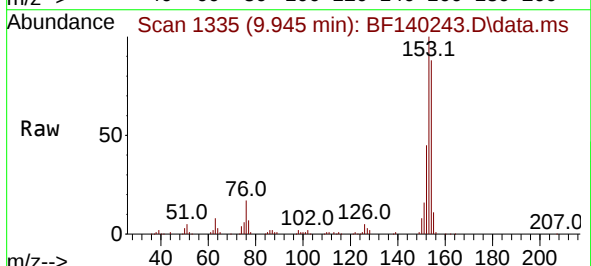
RT: 9.945 min Scan# 1335

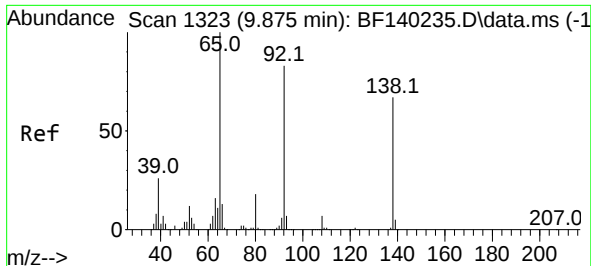
Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Tgt Ion:154	Resp:	120517
Ion Ratio	Lower	Upper
154	100	
153	114.1	91.3 136.9
152	51.9	41.4 62.2





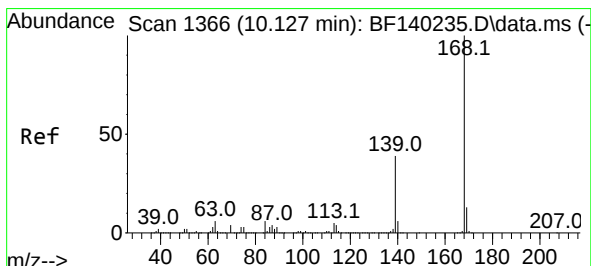
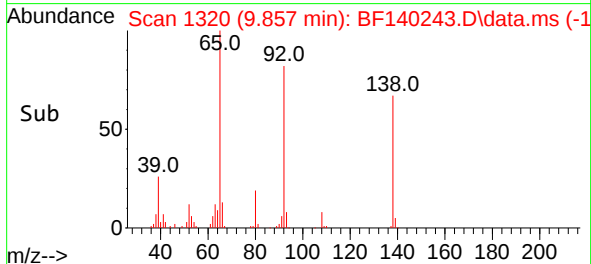
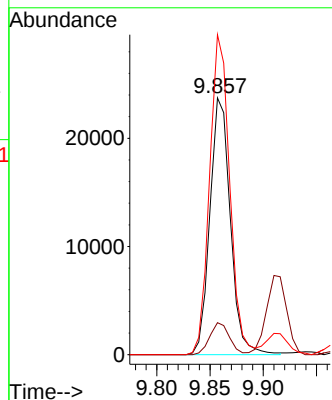
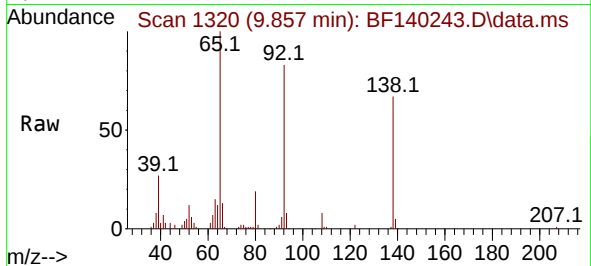
#53
3-Nitroaniline
Concen: 5.103 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

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

Tgt Ion:138 Resp: 3179
Ion Ratio Lower Upper
138 100
108 12.4 8.8 13.2
92 124.6 100.0 150.0

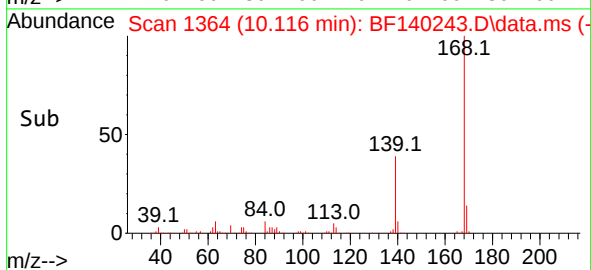
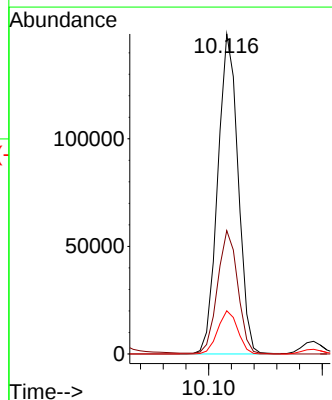
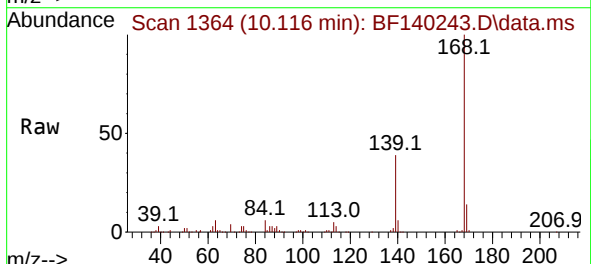
Manual Integrations
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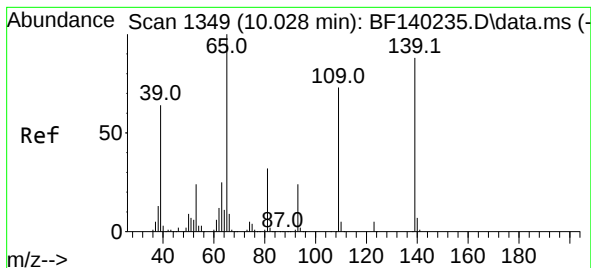
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#55
Dibenzofuran
Concen: 5.305 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.011 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:168 Resp: 185239
Ion Ratio Lower Upper
168 100
139 38.5 31.5 47.3
169 13.5 10.6 15.8





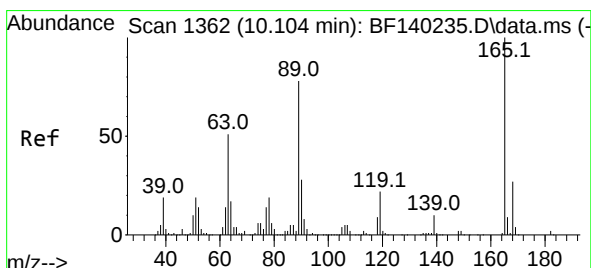
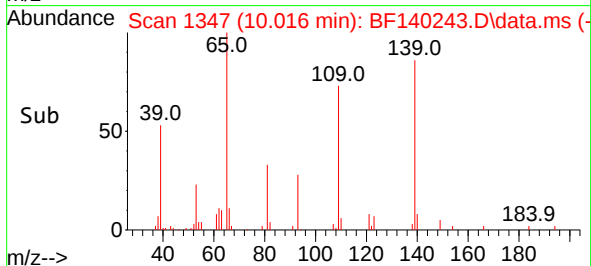
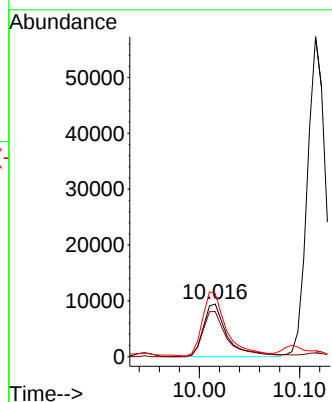
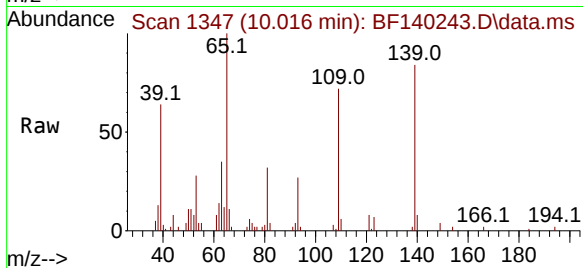
#56
4-Nitrophenol
Concen: 3.596 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

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

Tgt Ion:139 Resp: 15750
Ion Ratio Lower Upper
139 100
109 85.7 63.8 103.8
65 119.7 94.7 134.7

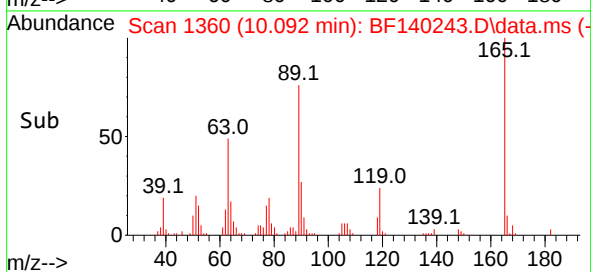
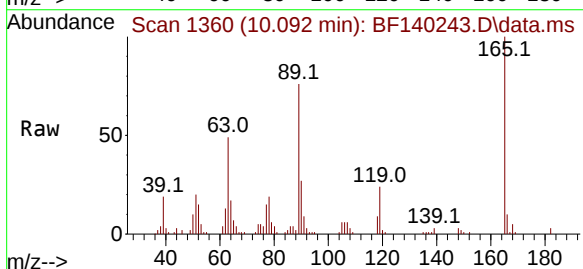
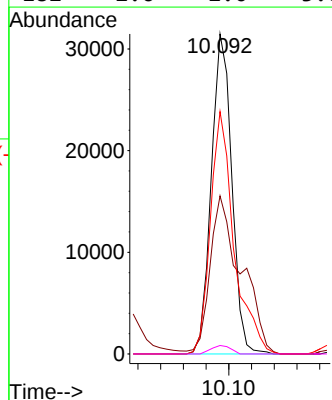
Manual Integrations
APPROVED

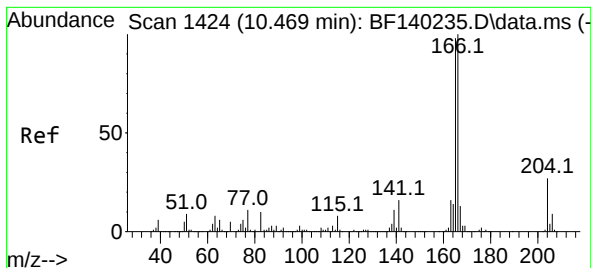
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#57
2,4-Dinitrotoluene
Concen: 4.586 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:165 Resp: 39381
Ion Ratio Lower Upper
165 100
63 49.4 41.3 61.9
89 75.7 62.6 94.0
182 2.6 2.0 3.0





#58

Fluorene

Concen: 5.255 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

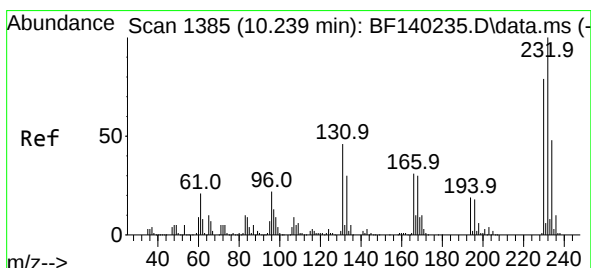
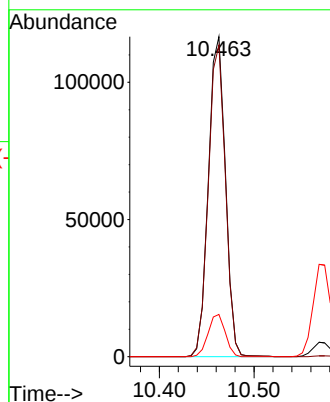
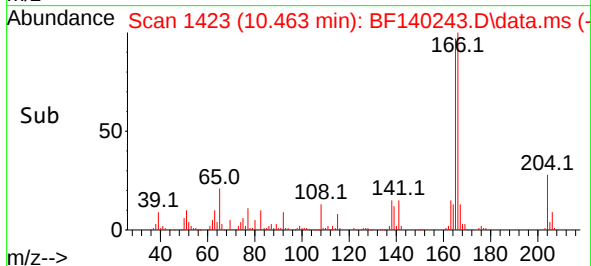
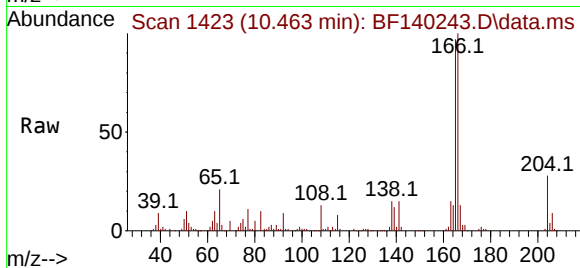
Tgt Ion:166	Resp: 146059
Ion Ratio	Lower Upper
166	100
165	97.3 78.7 118.1
167	13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.770 ng

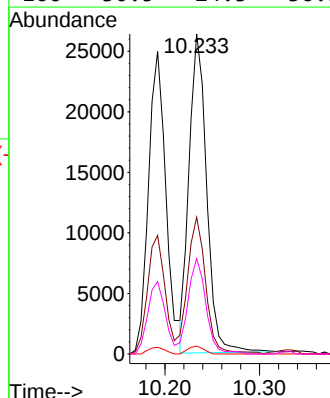
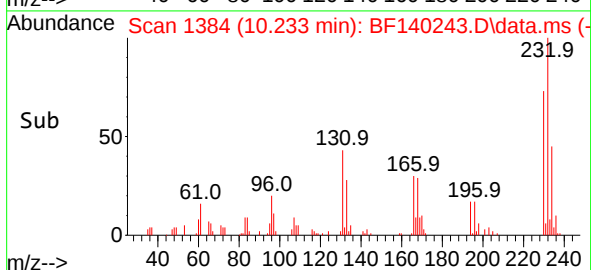
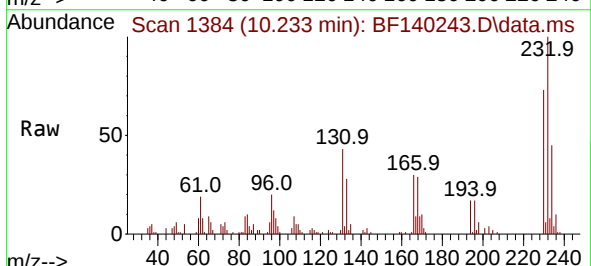
RT: 10.233 min Scan# 1384

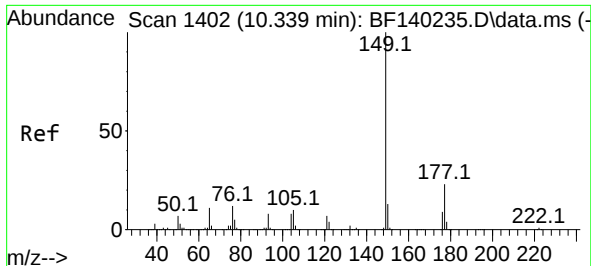
Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

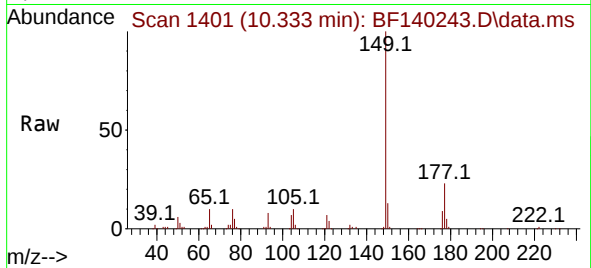
Tgt Ion:232	Resp: 34067
Ion Ratio	Lower Upper
232	100
131	44.5 37.2 55.8
130	2.2 1.8 2.8
166	30.5 24.3 36.5





#60
Diethylphthalate
Concen: 5.010 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

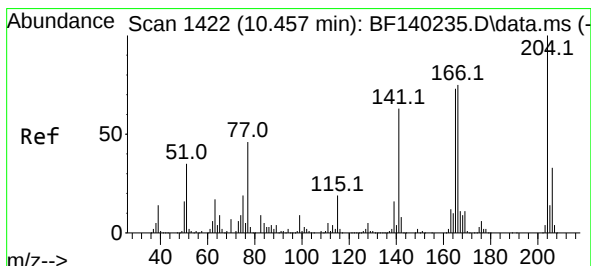
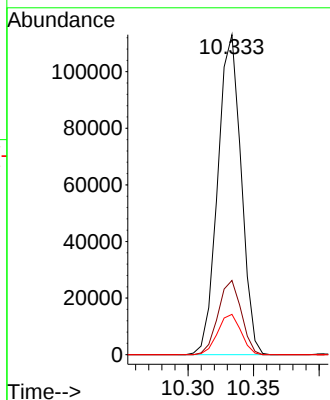
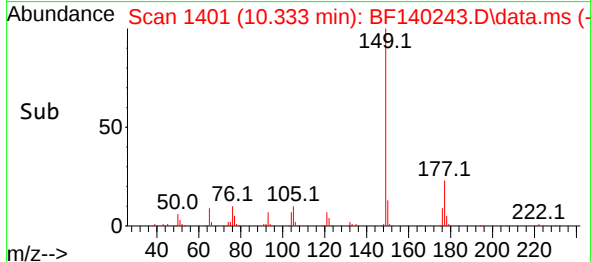
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:149 Resp: 140138
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.6 10.2 15.4

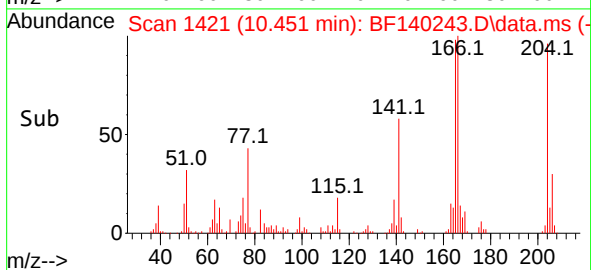
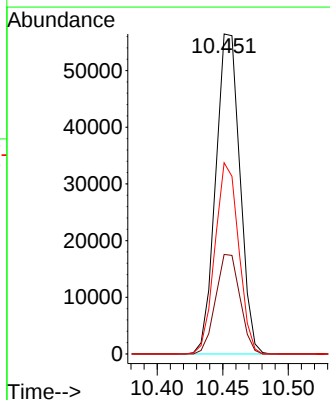
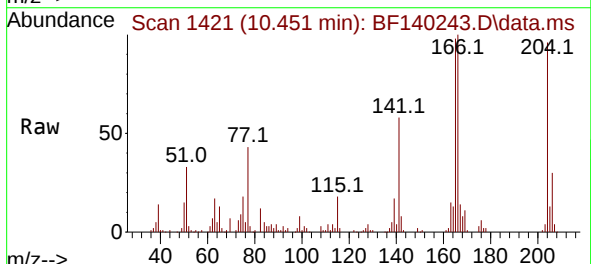
Manual Integrations
APPROVED

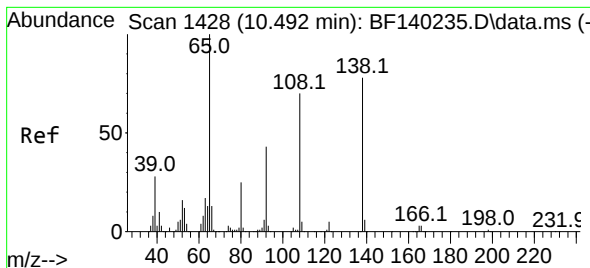
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#61
4-Chlorophenyl-phenylether
Concen: 5.174 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

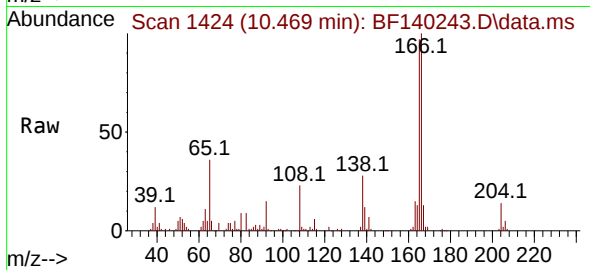
Tgt Ion:204 Resp: 72478
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.4
141 59.7 50.3 75.5





#62
4-Nitroaniline
Concen: 4.555 ng
RT: 10.469 min Scan# 1428
Delta R.T. -0.023 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

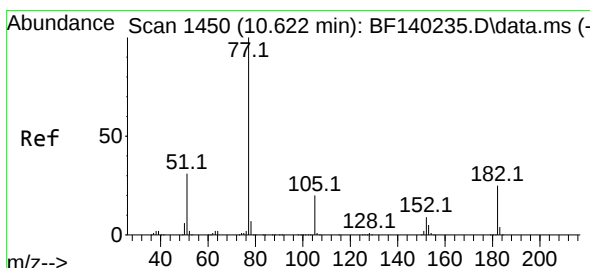
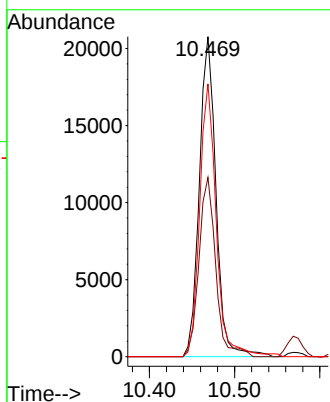
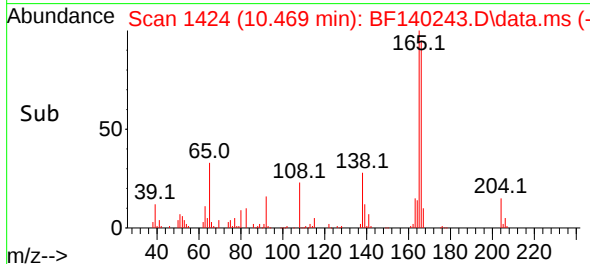
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:138 Resp: 2820
Ion Ratio Lower Upper
138 100
92 56.0 35.3 75.3
108 85.2 70.1 110.1

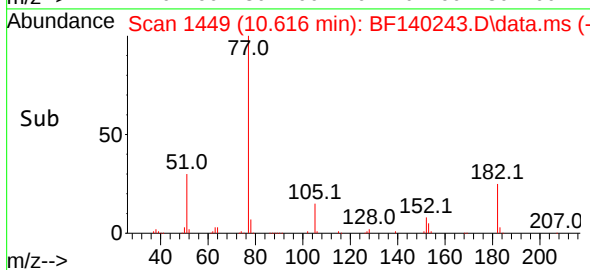
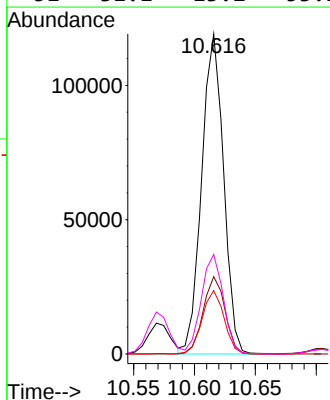
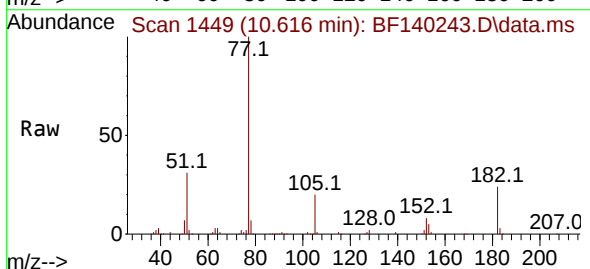
Manual Integrations
APPROVED

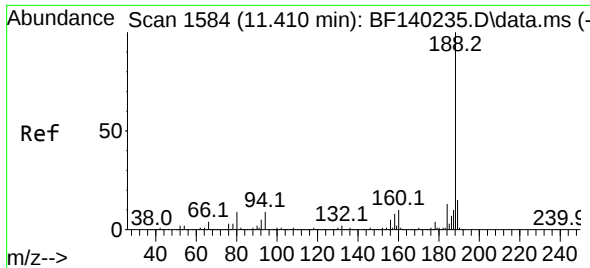
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#63
Azobenzene
Concen: 5.159 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

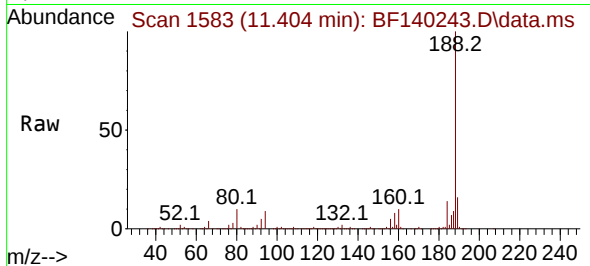
Tgt Ion: 77 Resp: 149600
Ion Ratio Lower Upper
77 100
182 24.2 4.7 44.7
105 19.8 0.0 40.0
51 31.1 13.2 53.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

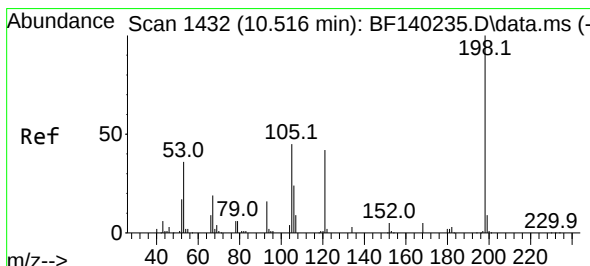
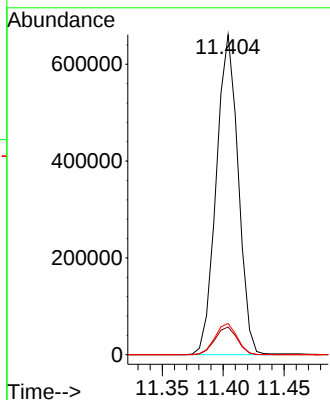
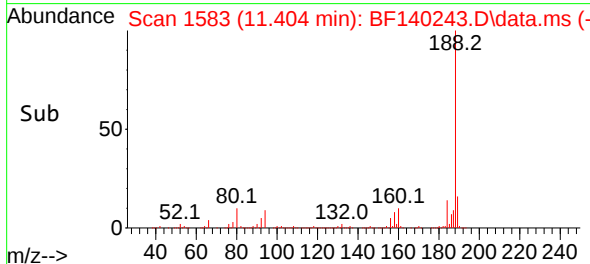
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



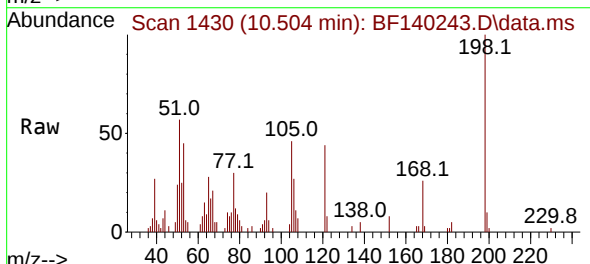
Tgt Ion:188 Resp: 82829
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.8 7.5 11.3

Manual Integrations
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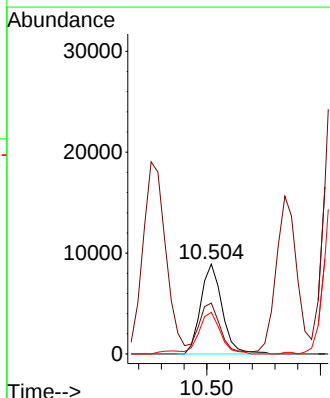
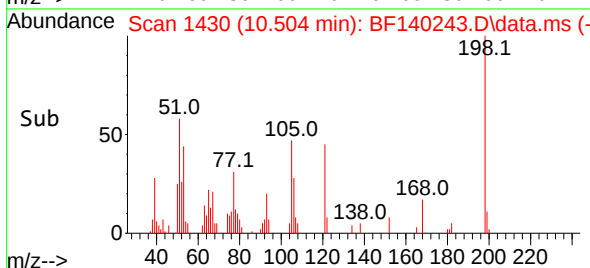
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

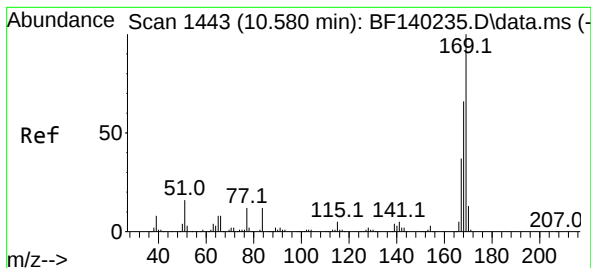


#65
4,6-Dinitro-2-methylphenol
Concen: 2.681 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56



Tgt Ion:198 Resp: 11665
Ion Ratio Lower Upper
198 100
51 56.7 34.0 74.0
105 46.2 25.1 65.1





#66

n-Nitrosodiphenylamine

Concen: 5.130 ng

RT: 10.569 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

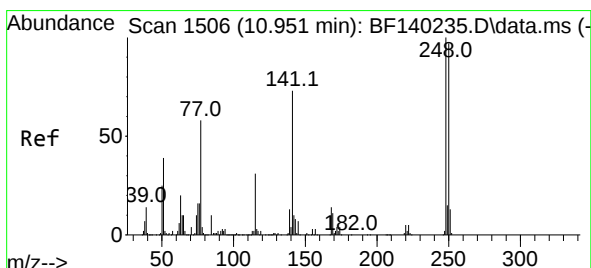
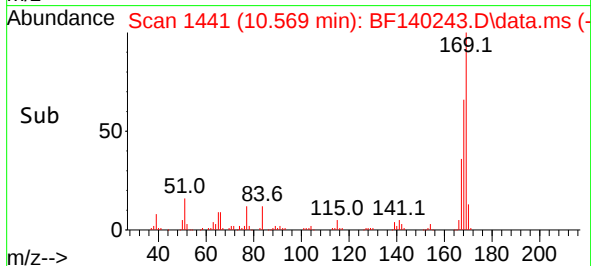
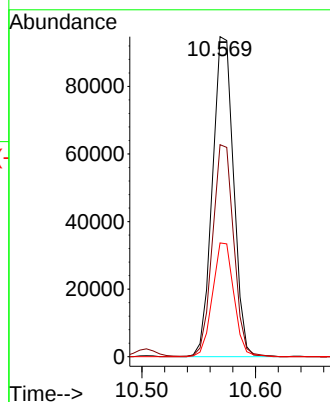
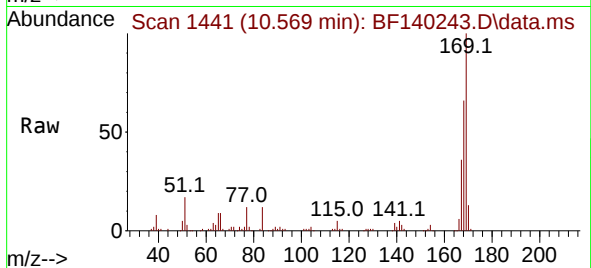
Tgt Ion:	169	Resp:	122224
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.0	79.6
167	35.5	29.4	44.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#67

4-Bromophenyl-phenylether

Concen: 4.909 ng

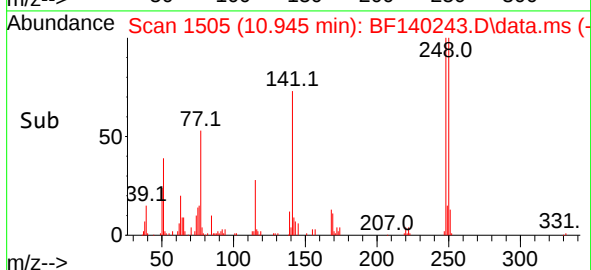
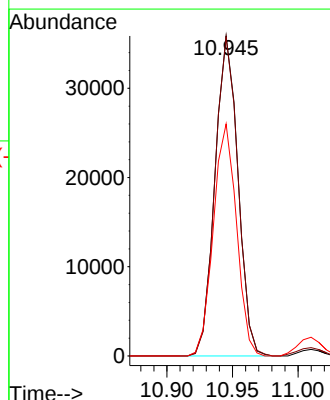
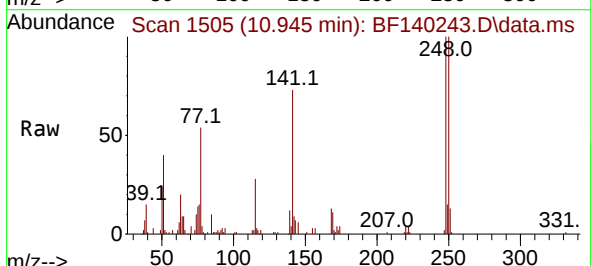
RT: 10.945 min Scan# 1505

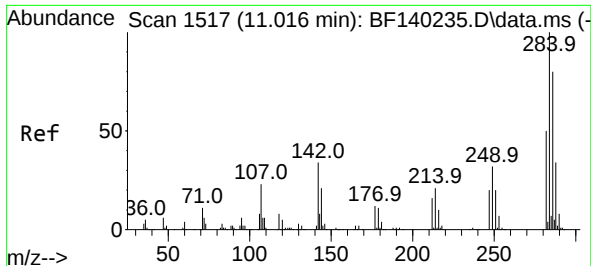
Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

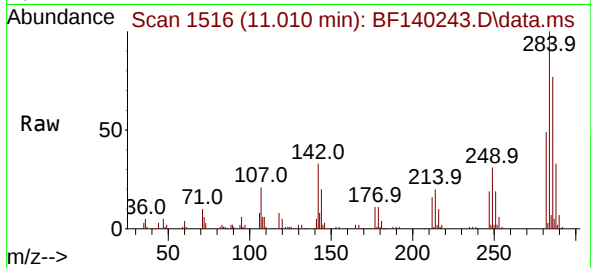
Tgt Ion:	248	Resp:	43784
Ion Ratio	Lower	Upper	
248	100		
250	99.7	77.9	116.9
141	72.5	58.6	88.0





#68
Hexachlorobenzene
Concen: 4.950 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

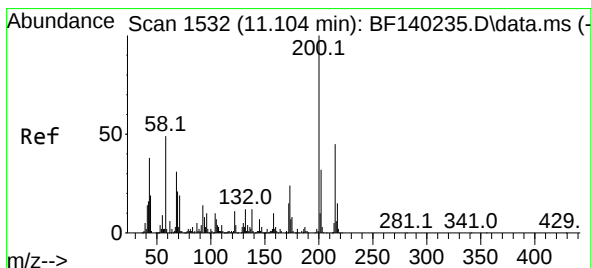
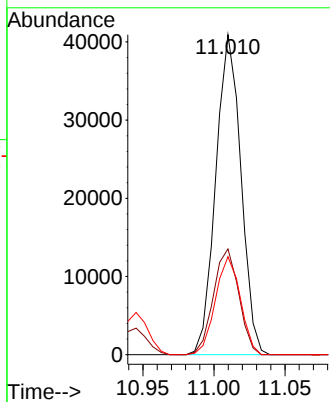
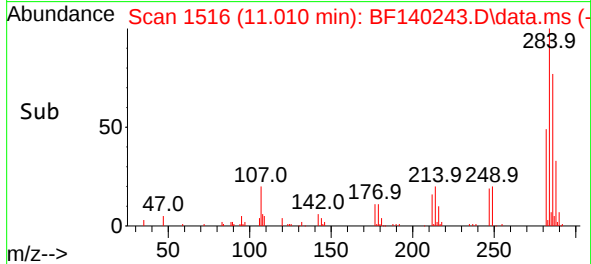
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



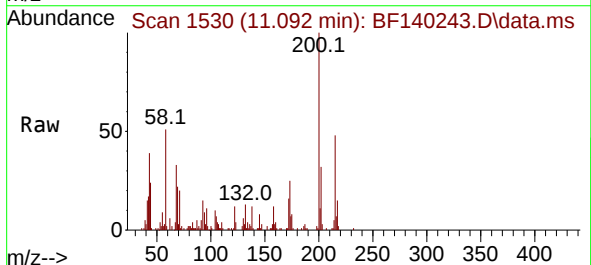
Tgt Ion:284 Resp: 5032
Ion Ratio Lower Upper
284 100
142 33.1 27.5 41.3
249 30.6 26.2 39.2

Manual Integrations
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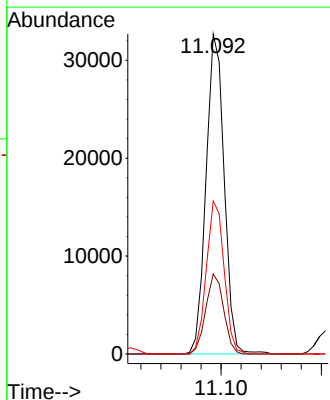
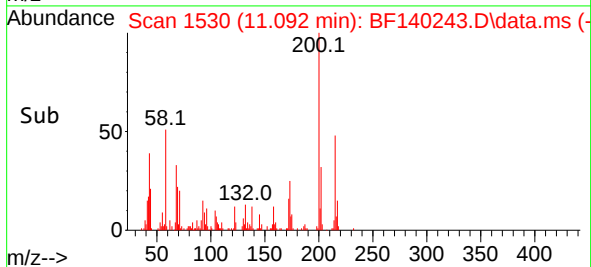
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

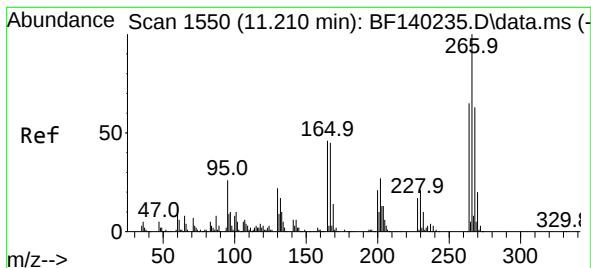


#69
Atrazine
Concen: 6.311 ng
RT: 11.092 min Scan# 1530
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56



Tgt Ion:200 Resp: 41135
Ion Ratio Lower Upper
200 100
173 25.0 4.4 44.4
215 47.8 25.2 65.2





#70

Pentachlorophenol

Concen: 2.983 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

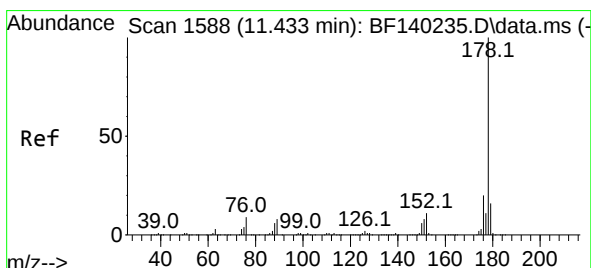
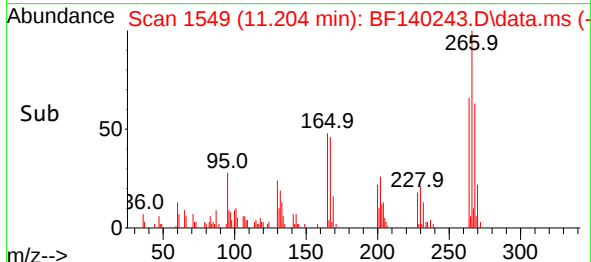
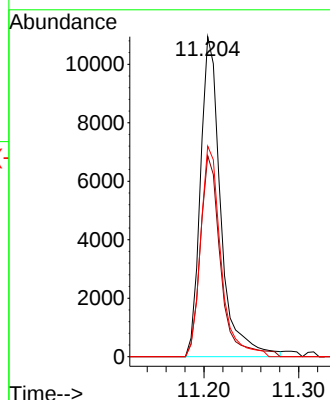
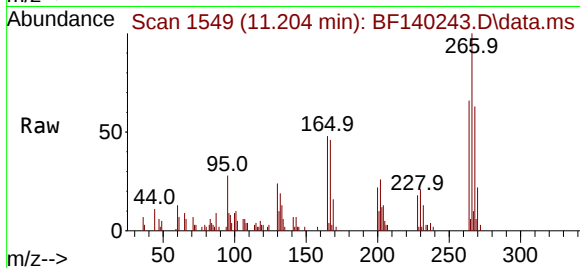
Tgt Ion:	266	Resp:	1628
Ion Ratio	Lower	Upper	
266	100		
268	62.8	50.2	75.4
264	65.8	52.2	78.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#71

Phenanthrene

Concen: 5.367 ng

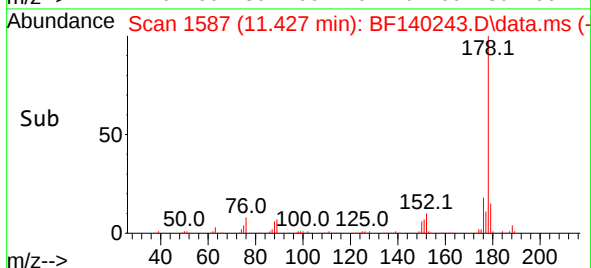
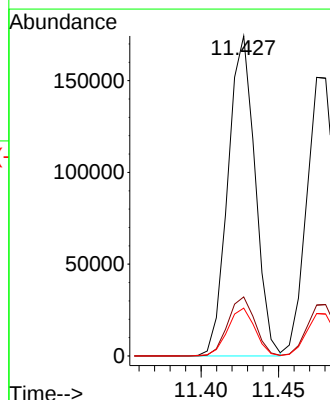
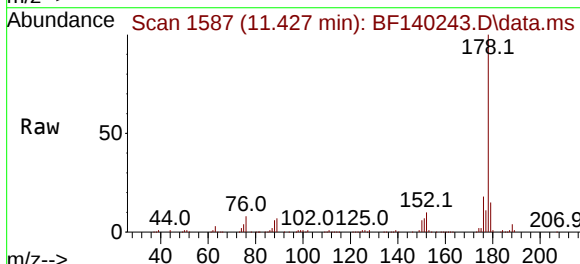
RT: 11.427 min Scan# 1587

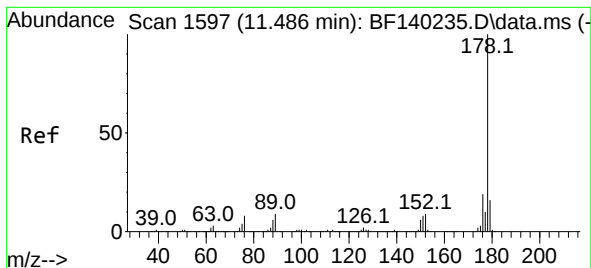
Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Tgt Ion:	178	Resp:	212154
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.9	23.9
179	14.9	12.6	18.8





#72

Anthracene

Concen: 5.156 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.012 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:178 Resp: 19986

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

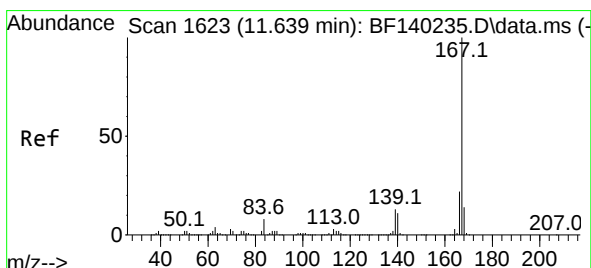
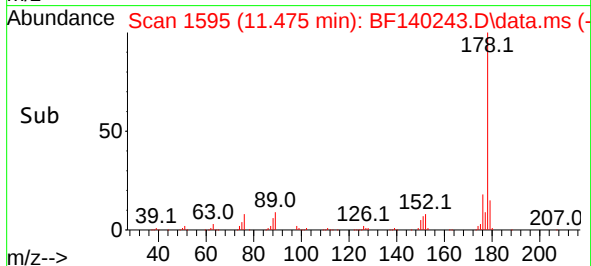
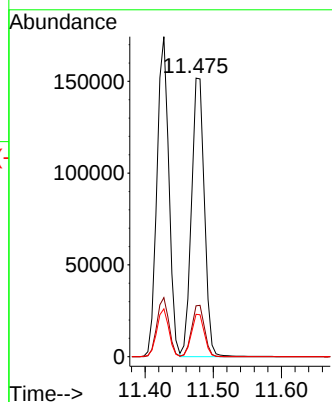
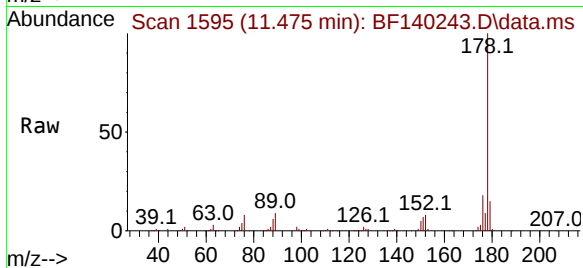
179 15.2 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#73

Carbazole

Concen: 5.048 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

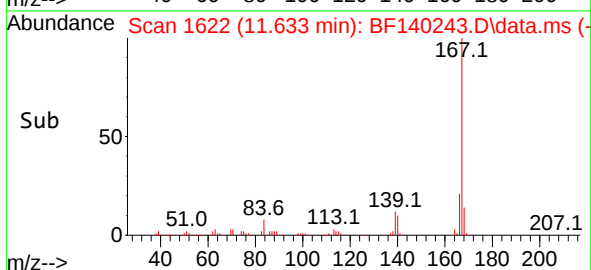
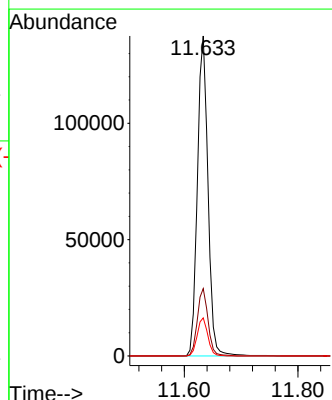
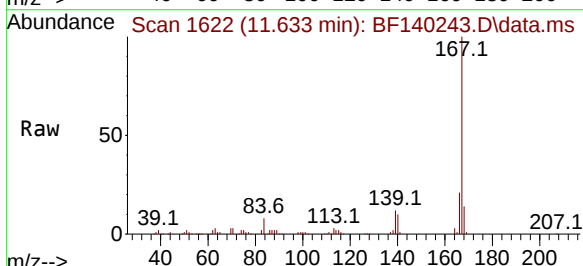
Tgt Ion:167 Resp: 178801

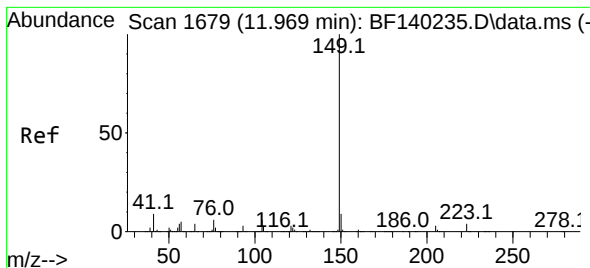
Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

139 11.9 10.7 16.1





#74

Di-n-butylphthalate

Concen: 5.075 ng

RT: 11.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140243.D

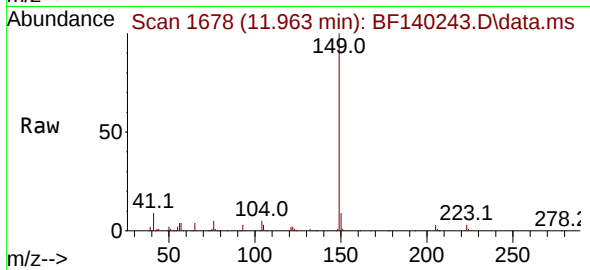
Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:149 Resp: 212740

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

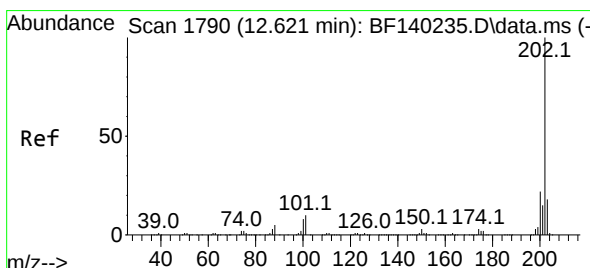
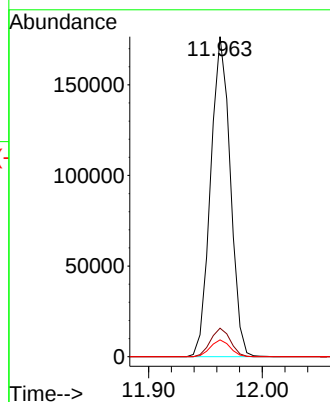
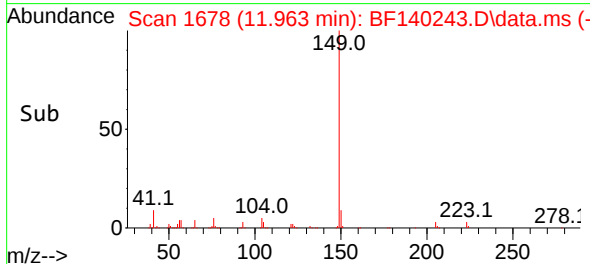
104 5.2 4.5 6.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#75

Fluoranthene

Concen: 5.103 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

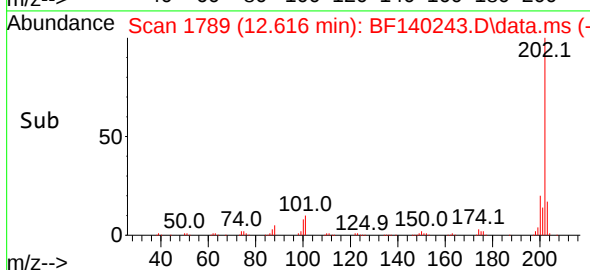
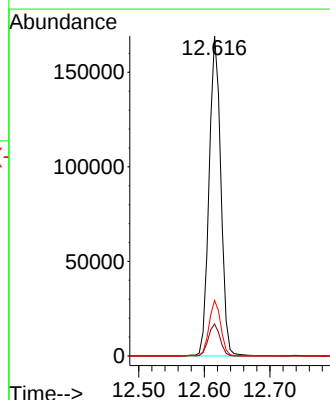
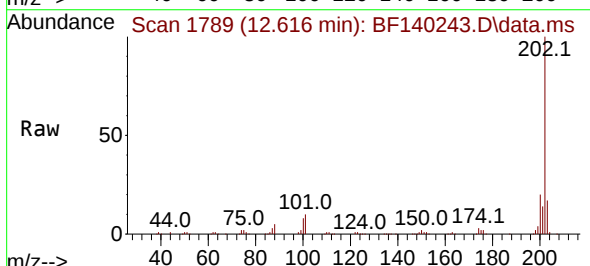
Tgt Ion:202 Resp: 210911

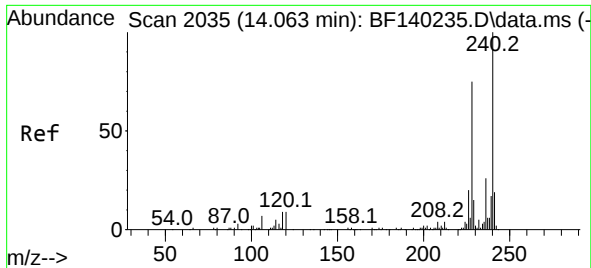
Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.4

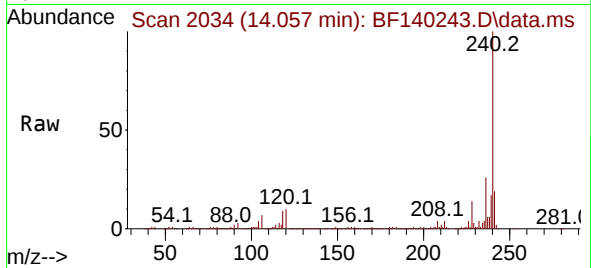
203 17.4 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

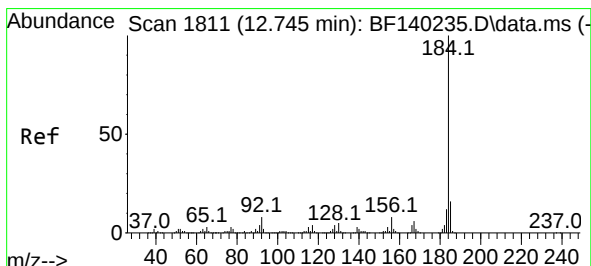
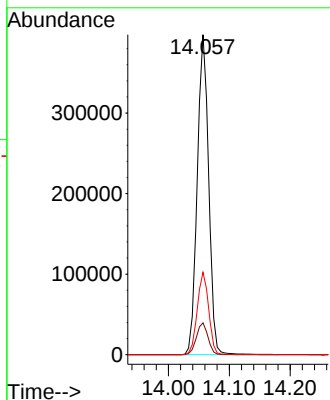
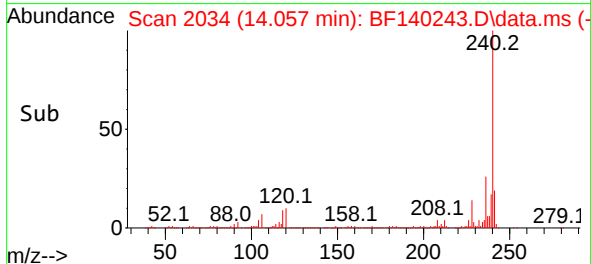
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:240 Resp: 518109
Ion Ratio Lower Upper
240 100
120 9.9 7.5 11.3
236 25.7 20.9 31.3

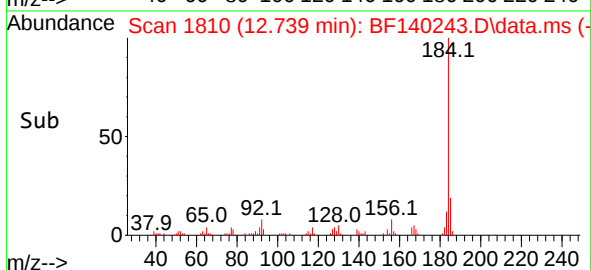
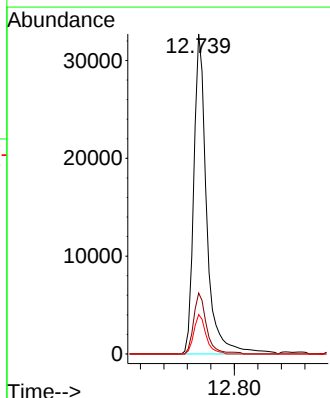
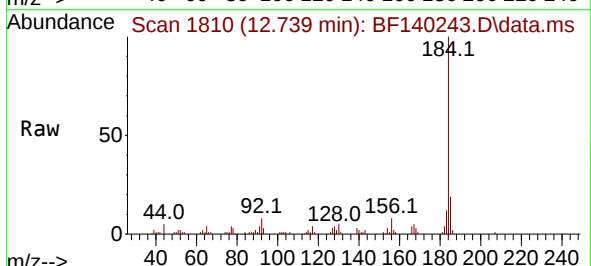
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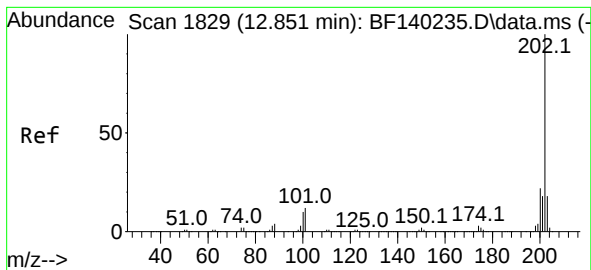
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#77
Benzidine
Concen: 4.930 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:184 Resp: 49940
Ion Ratio Lower Upper
184 100
185 19.1 12.5 18.7#
183 12.3 9.3 13.9





#78

Pyrene

Concen: 4.988 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:202 Resp: 213360

Ion Ratio Lower Upper

202 100

200 20.8 17.5 26.3

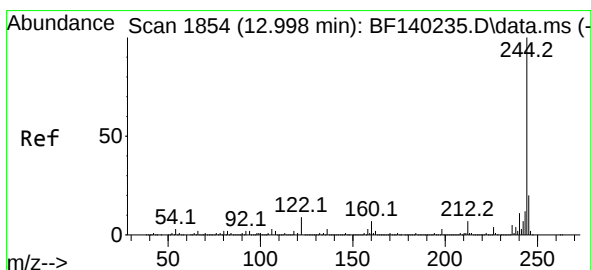
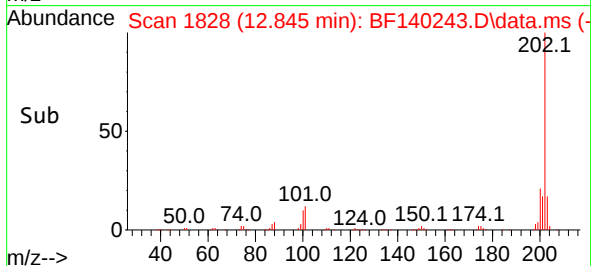
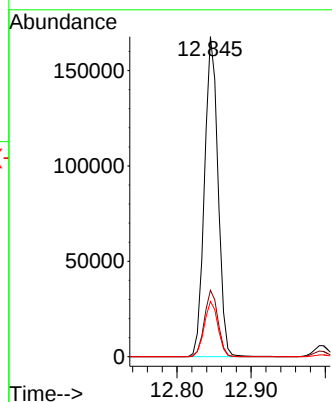
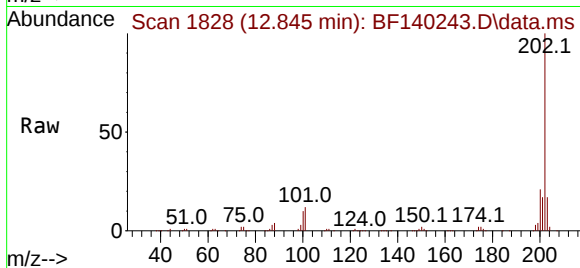
203 17.3 14.4 21.6

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#79

Terphenyl-d14

Concen: 74.408 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

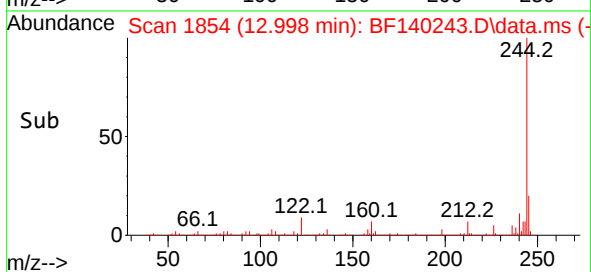
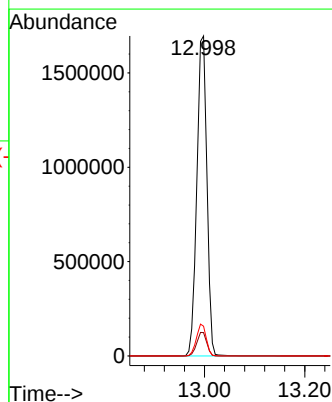
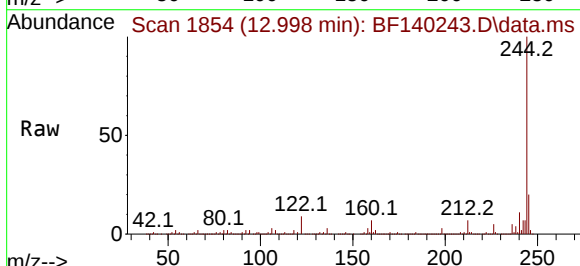
Tgt Ion:244 Resp: 2353378

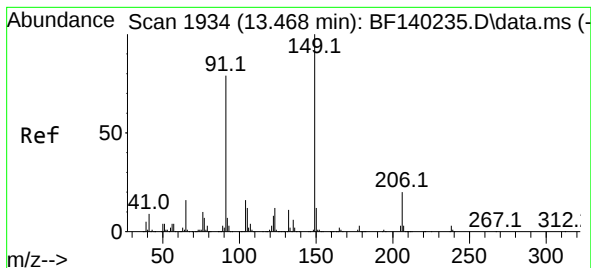
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.3 7.6 11.4





#80

Butylbenzylphthalate

Concen: 4.901 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

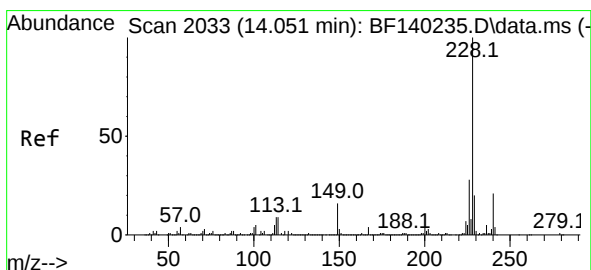
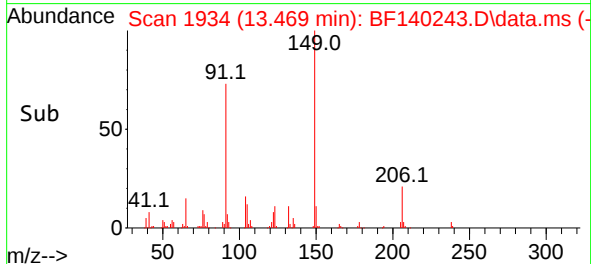
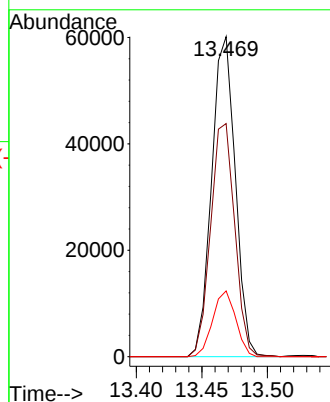
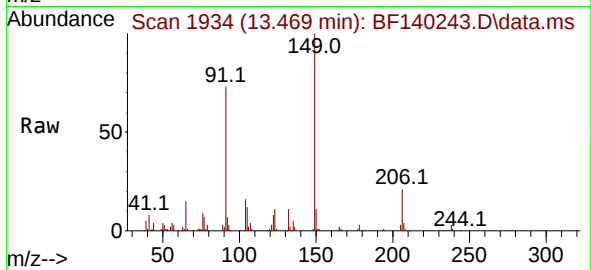
Tgt Ion:	149	Resp:	75490
Ion Ratio	Lower	Upper	
149	100		
91	72.9	63.0	94.4
206	20.6	16.4	24.6

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#81

Benzo(a)anthracene

Concen: 4.990 ng

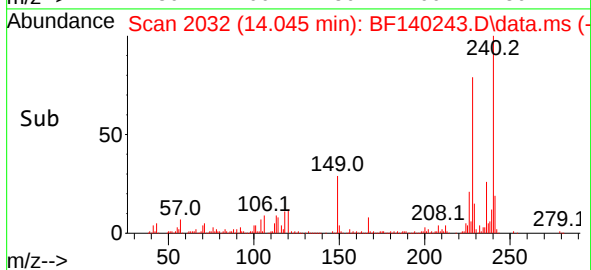
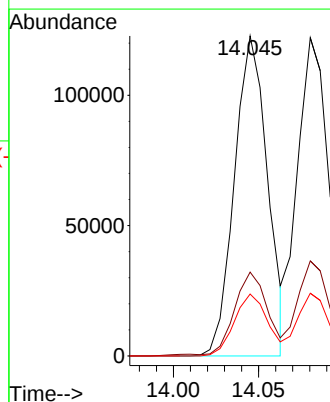
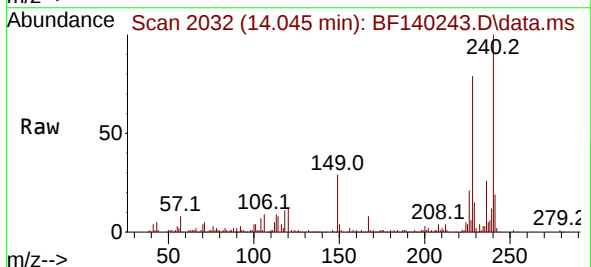
RT: 14.045 min Scan# 2032

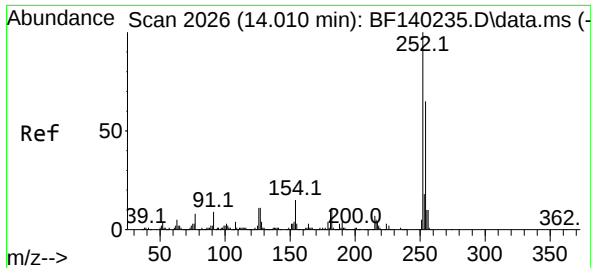
Delta R.T. -0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

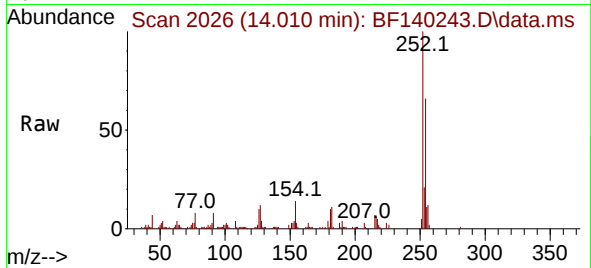
Tgt Ion:	228	Resp:	165906
Ion Ratio	Lower	Upper	
228	100		
226	26.2	22.3	33.5
229	19.4	16.1	24.1





#82
3,3'-Dichlorobenzidine
Concen: 4.395 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

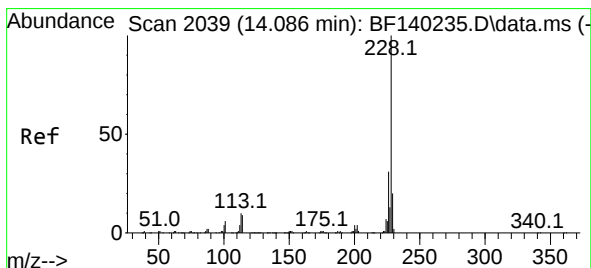
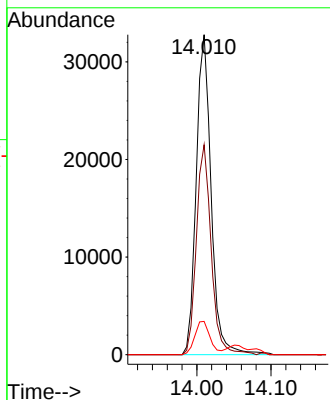
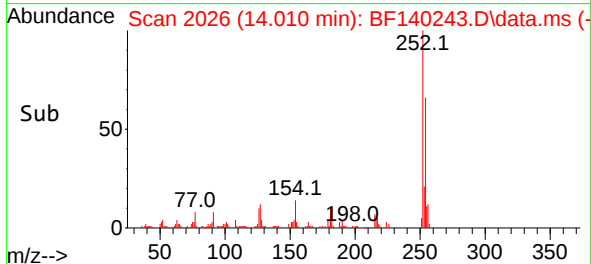
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 45889
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.8
126 10.4 8.6 12.8

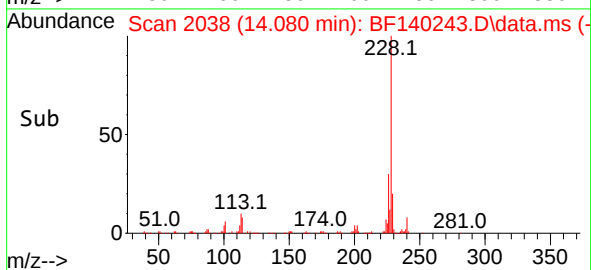
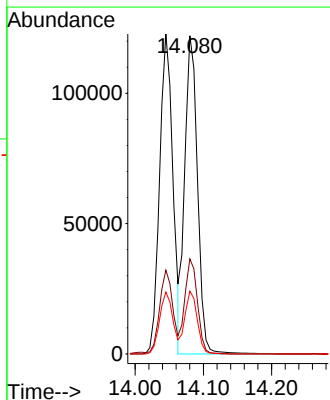
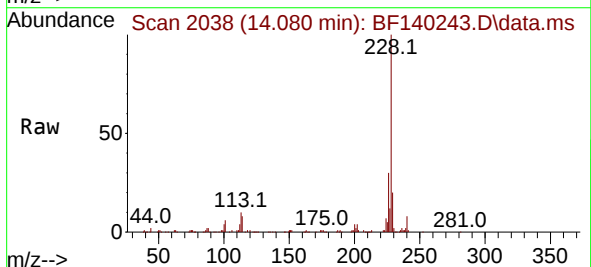
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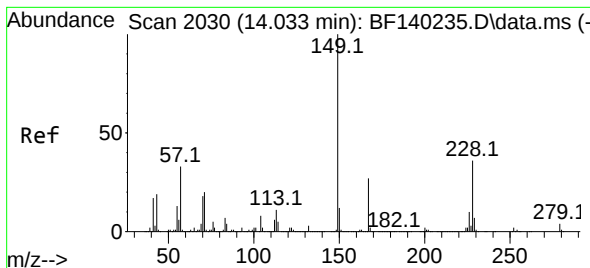
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#83
Chrysene
Concen: 5.097 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

Tgt Ion:228 Resp: 158716
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 19.7 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.968 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140243.D

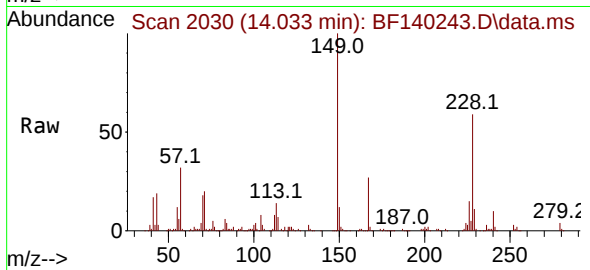
Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:149 Resp: 107262

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

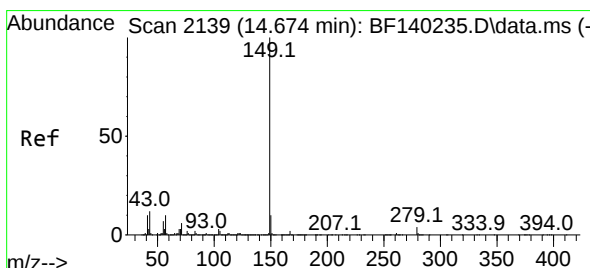
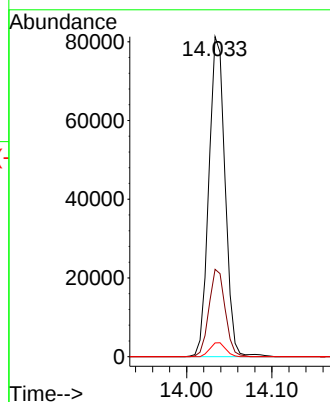
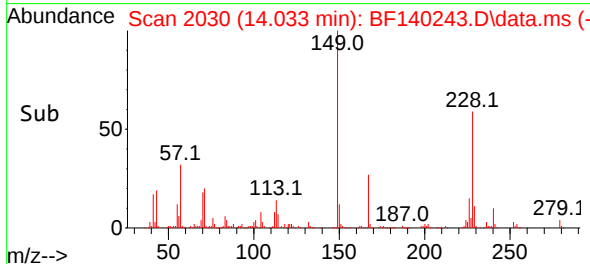
279 4.3 3.2 4.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#85

Di-n-octyl phthalate

Concen: 4.784 ng

RT: 14.674 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

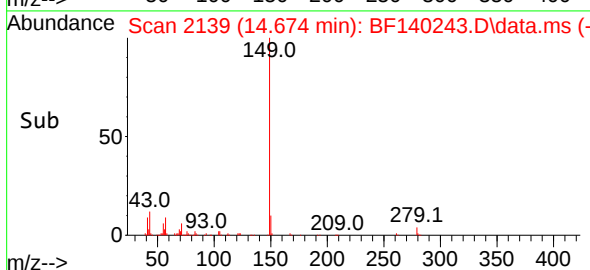
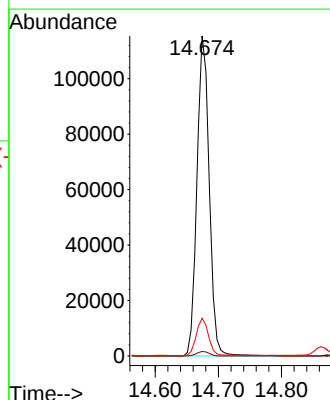
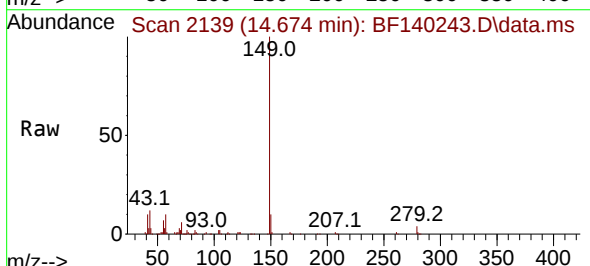
Tgt Ion:149 Resp: 155442

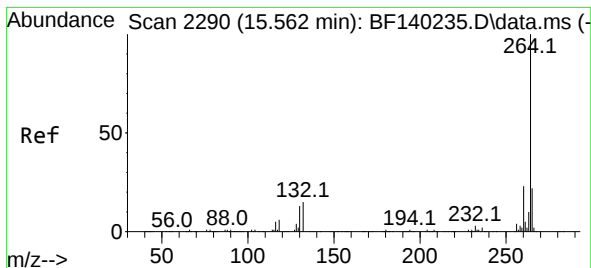
Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 12.4 9.7 14.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:264 Resp: 43517

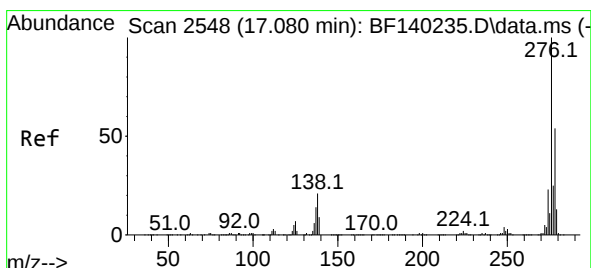
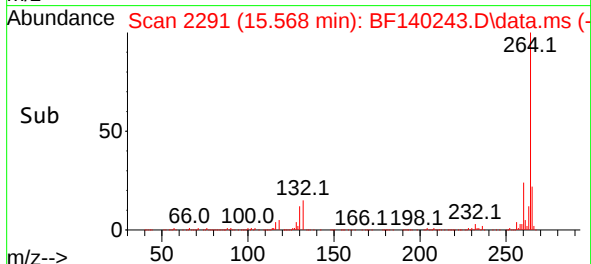
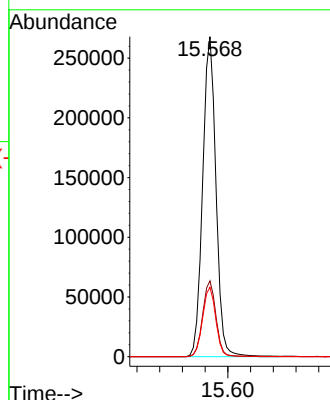
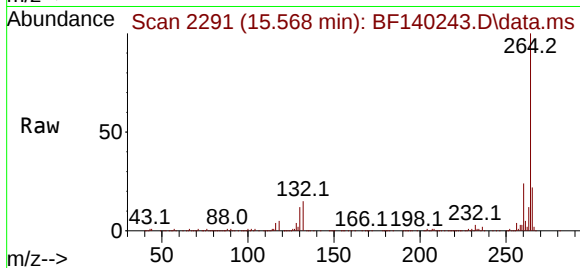
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.7	17.3	25.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.447 ng

RT: 17.068 min Scan# 2546

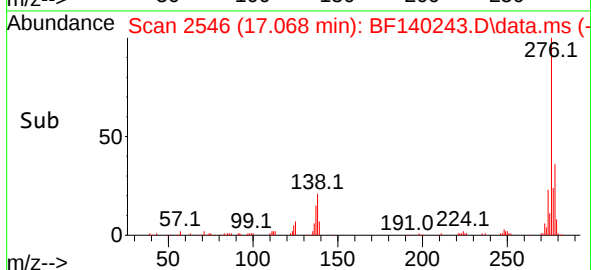
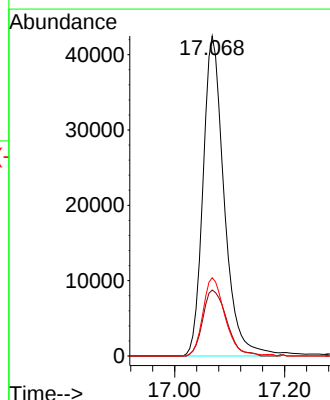
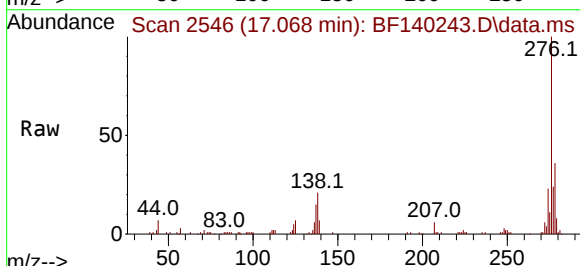
Delta R.T. -0.012 min

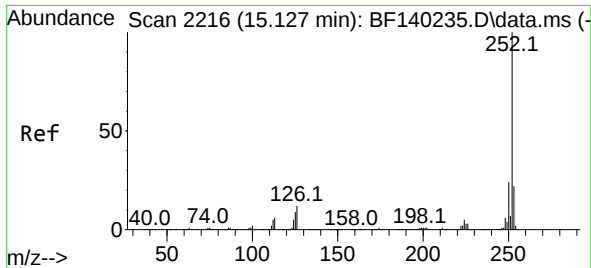
Lab File: BF140243.D

Acq: 05 Nov 2024 17:56

Tgt Ion:276 Resp: 113603

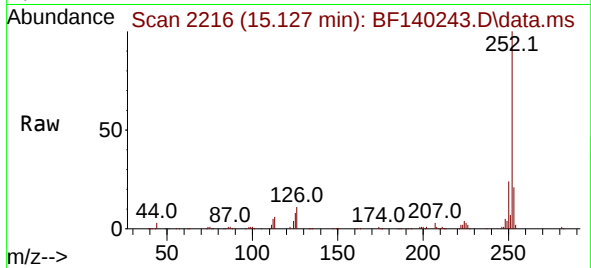
Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.6	26.4
277	25.4	20.2	30.2





#88
Benzo(b)fluoranthene
Concen: 4.811 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

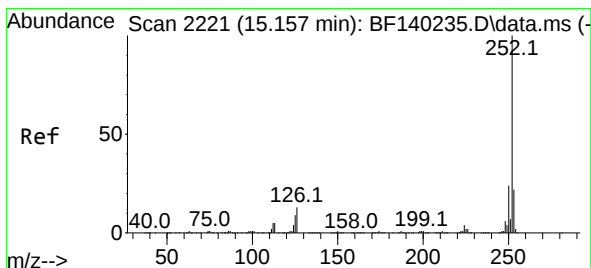
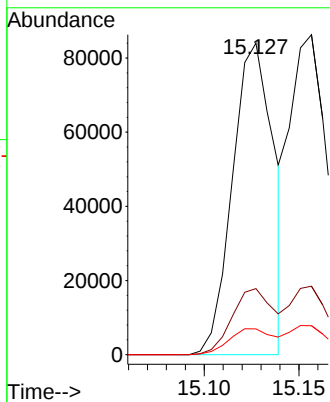
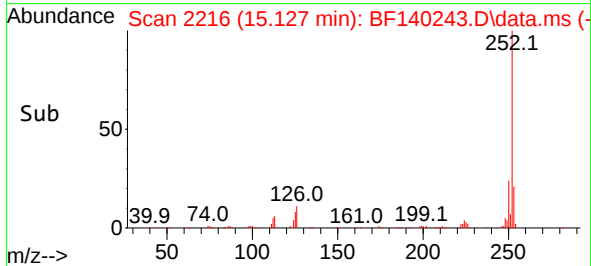
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 126638
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 8.3 7.0 10.6

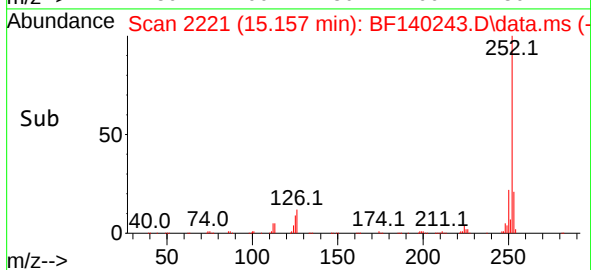
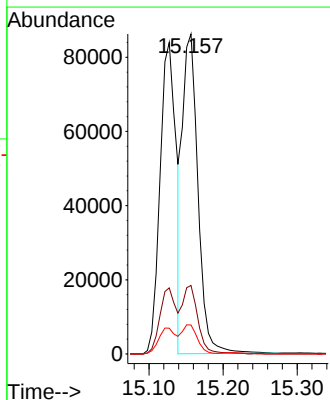
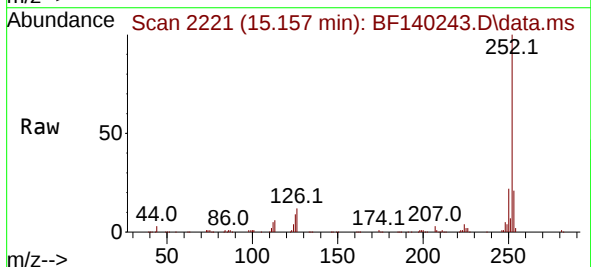
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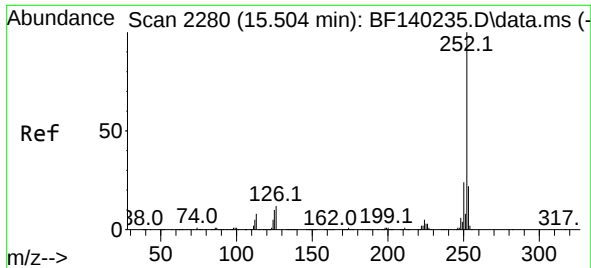
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#89
Benzo(k)fluoranthene
Concen: 5.229 ng
RT: 15.157 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

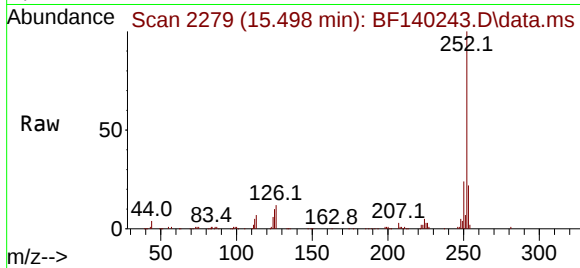
Tgt Ion:252 Resp: 126312
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 9.1 7.2 10.8





#90
Benzo(a)pyrene
Concen: 4.900 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

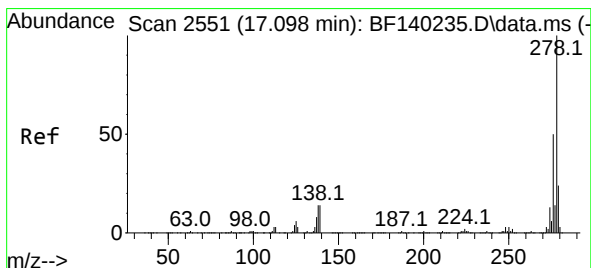
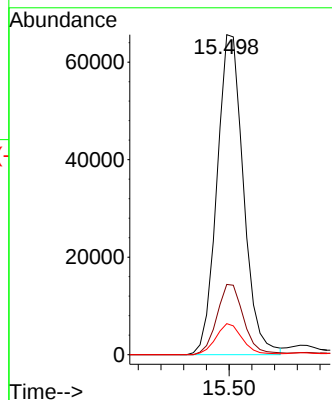
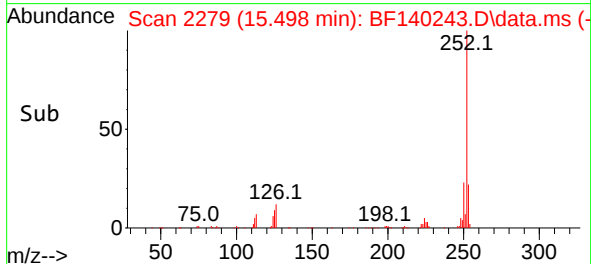
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 10635
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.7 7.6 11.4

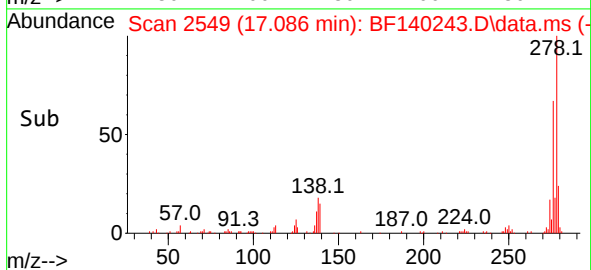
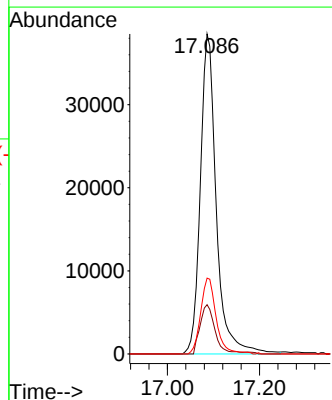
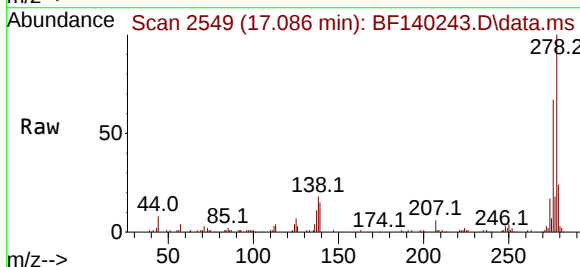
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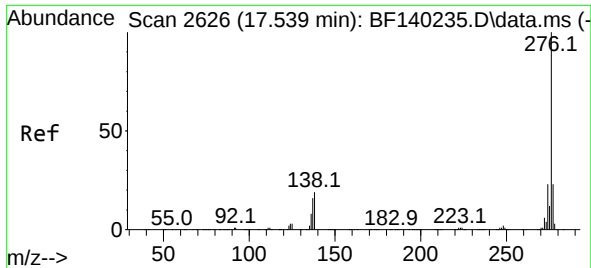
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#91
Dibenzo(a,h)anthracene
Concen: 4.418 ng
RT: 17.086 min Scan# 2549
Delta R.T. -0.012 min
Lab File: BF140243.D
Acq: 05 Nov 2024 17:56

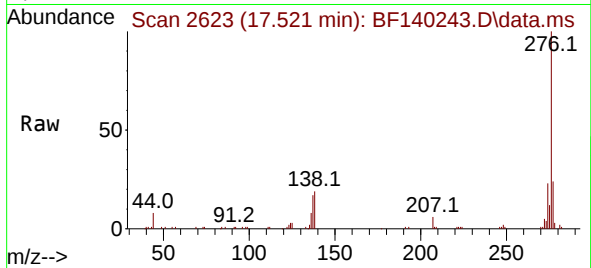
Tgt Ion:278 Resp: 92858
Ion Ratio Lower Upper
278 100
139 15.4 11.1 16.7
279 23.7 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 4.205 ng
 RT: 17.521 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF140243.D
 Acq: 05 Nov 2024 17:56

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



Tgt Ion:276 Resp: 9016
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.8 28.2
 138 19.0 15.3 22.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

