

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140249.D
 Acq On : 05 Nov 2024 20:34
 Operator : RC/JU
 Sample : P4368-07
 Misc : LOD-MDL-WATER-8 PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Nov 05 23:47:28 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	210084	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	772429	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	458258	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	806563	20.000	ng	0.00
76) Chrysene-d12	14.057	240	525196	20.000	ng	0.00
86) Perylene-d12	15.557	264	466962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1256146	99.089	ng	0.00
7) Phenol-d6	6.504	99	1697838	104.125	ng	0.00
23) Nitrobenzene-d5	7.440	82	1203380	77.457	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	537982	118.769	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2151591	74.972	ng	0.00
79) Terphenyl-d14	12.992	244	2375362	74.089	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	42101	7.224	ng	98
3) Pyridine	3.469	79	99114	6.970	ng	97
4) n-Nitrosodimethylamine	3.363	42	58230	7.092	ng	# 95
6) Aniline	6.540	93	143887	9.767	ng	99
8) 2-Chlorophenol	6.663	128	104959	7.913	ng	97
9) Benzaldehyde	6.428	77	93805	9.339	ng	99
10) Phenol	6.516	94	142265	8.215	ng	87
11) bis(2-Chloroethyl)ether	6.610	93	103882	7.896	ng	99
12) 1,3-Dichlorobenzene	6.816	146	115539	7.433	ng	98
13) 1,4-Dichlorobenzene	6.893	146	118376	7.551	ng	98
14) 1,2-Dichlorobenzene	7.045	146	108813	7.432	ng	99
15) Benzyl Alcohol	7.010	79	117955	9.384	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	172315	8.092	ng	99
17) 2-Methylphenol	7.116	107	87191	7.880	ng	97
18) Hexachloroethane	7.387	117	42878	7.343	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	85267	8.197	ng	98
20) 3+4-Methylphenols	7.269	107	113315	8.154	ng	94
22) Acetophenone	7.281	105	165386	8.636	ng	92
24) Nitrobenzene	7.457	77	127818	7.841	ng	97
25) Isophorone	7.687	82	221280	8.272	ng	100
26) 2-Nitrophenol	7.769	139	52110	8.036	ng	98
27) 2,4-Dimethylphenol	7.798	122	72899	8.263	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	133198	8.320	ng	99
29) 2,4-Dichlorophenol	8.004	162	90059	8.252	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	103865	7.942	ng	98
31) Naphthalene	8.175	128	325811	8.168	ng	98
32) Benzoic acid	7.863	122	32728m	4.520	ng	
33) 4-Chloroaniline	8.222	127	123113	9.376	ng	98
34) Hexachlorobutadiene	8.292	225	66640	7.528	ng	98
35) Caprolactam	8.563	113	26738	8.054	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	98028	8.067	ng	95
37) 2-Methylnaphthalene	8.863	142	220519	8.471	ng	100
38) 1-Methylnaphthalene	8.963	142	202787	7.948	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	111353	8.300	ng	98
41) Hexachlorocyclopentadiene	9.022	237	32141	8.550	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	65109	7.832	ng	99

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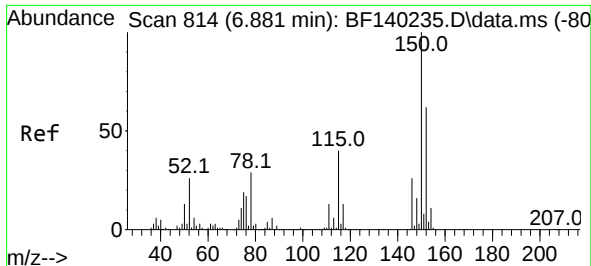
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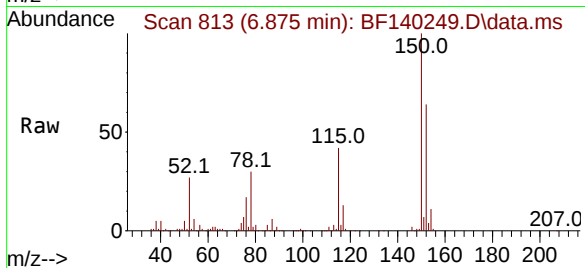
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65407	7.483	ng	98
46) 1,1'-Biphenyl	9.334	154	284316	8.583	ng	99
47) 2-Chloronaphthalene	9.357	162	198597	7.966	ng	99
48) 2-Nitroaniline	9.451	65	65583	7.866	ng	97
49) Acenaphthylene	9.775	152	323309	9.160	ng	99
50) Dimethylphthalate	9.628	163	233981	8.291	ng	100
51) 2,6-Dinitrotoluene	9.692	165	51500	7.763	ng	97
52) Acenaphthene	9.945	154	199995	7.989	ng	98
53) 3-Nitroaniline	9.857	138	53164	8.511	ng	99
54) 2,4-Dinitrophenol	9.969	184	9307	3.397	ng	90
55) Dibenzofuran	10.116	168	300025	8.570	ng	98
56) 4-Nitrophenol	10.010	139	30299	6.898	ng	99
57) 2,4-Dinitrotoluene	10.092	165	67116	7.796	ng	94
58) Fluorene	10.463	166	233131	8.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	57674	8.054	ng	99
60) Diethylphthalate	10.333	149	231315	8.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	117068	8.336	ng	98
62) 4-Nitroaniline	10.469	138	49407	7.959	ng	96
63) Azobenzene	10.616	77	243272	8.368	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	22446	5.299	ng	99
66) n-Nitrosodiphenylamine	10.575	169	202063	8.710	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	72538	8.352	ng	98
68) Hexachlorobenzene	11.010	284	79986	8.079	ng	99
69) Atrazine	11.092	200	67873	10.694	ng	99
70) Pentachlorophenol	11.204	266	32218	6.060	ng	95
71) Phenanthrene	11.428	178	338642	8.798	ng	98
72) Anthracene	11.475	178	346243	9.173	ng	99
73) Carbazole	11.633	167	291296	8.446	ng	99
74) Di-n-butylphthalate	11.963	149	344632	8.442	ng	99
75) Fluoranthene	12.616	202	338766	8.417	ng	99
77) Benzidine	12.739	184	101387	9.874	ng	96
78) Pyrene	12.845	202	343367	7.918	ng	98
80) Butylbenzylphthalate	13.469	149	121962	7.811	ng	96
81) Benzo(a)anthracene	14.045	228	282328	8.377	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	84350	7.969	ng	99
83) Chrysene	14.080	228	257769	8.167	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	173319	7.920	ng	99
85) Di-n-octyl phthalate	14.668	149	258046	7.834	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	204919	7.476	ng	99
88) Benzo(b)fluoranthene	15.116	252	224995	7.966	ng	100
89) Benzo(k)fluoranthene	15.145	252	210860	8.136	ng	100
90) Benzo(a)pyrene	15.492	252	189187	8.124	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	166519	7.384	ng	98
92) Benzo(g,h,i)perylene	17.509	276	156234	6.791	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: BF140249.D
Acq: 05 Nov 2024 20:34

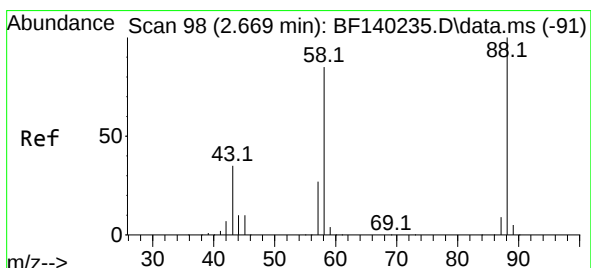
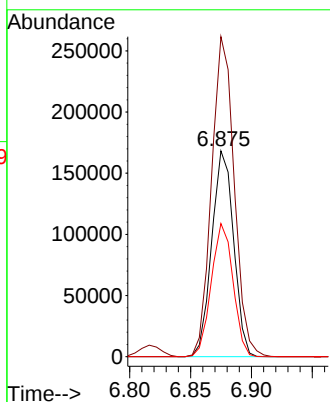
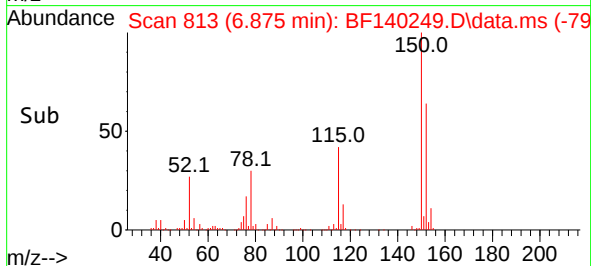
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:152 Resp: 210084
Ion Ratio Lower Upper
152 100
150 155.6 129.4 194.2
115 64.7 51.5 77.3

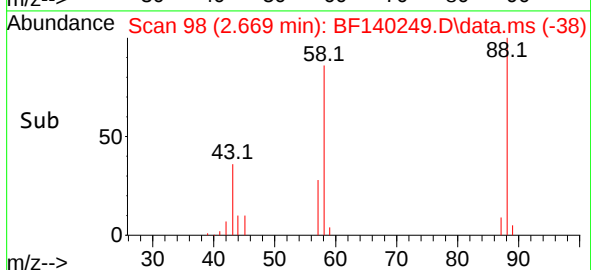
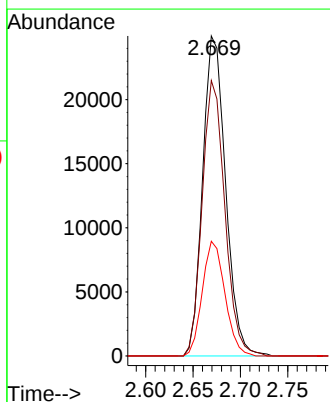
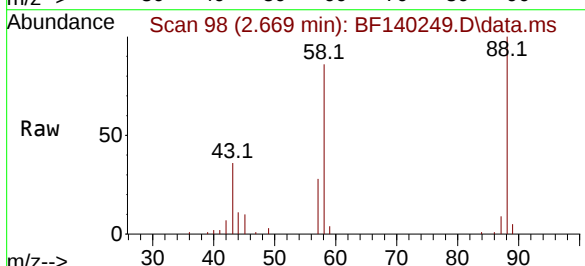
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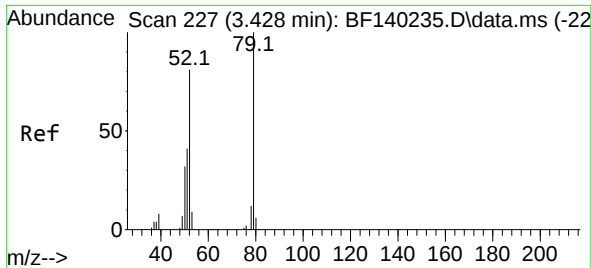
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#2
1,4-Dioxane
Concen: 7.224 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.000 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion: 88 Resp: 42101
Ion Ratio Lower Upper
88 100
58 85.1 66.7 100.1
43 35.3 27.8 41.8





#3

Pyridine

Concen: 6.970 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

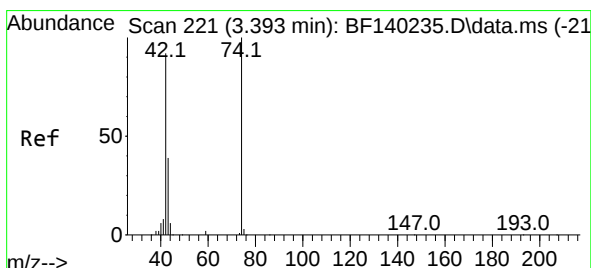
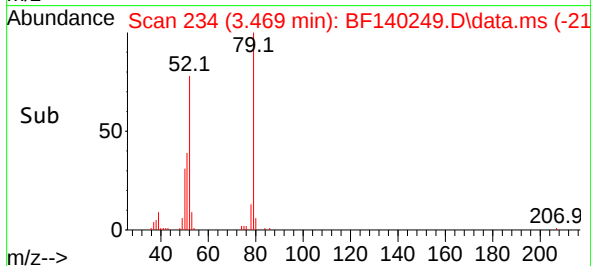
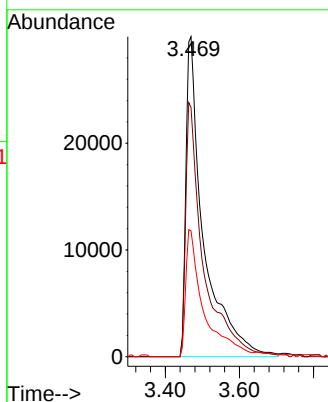
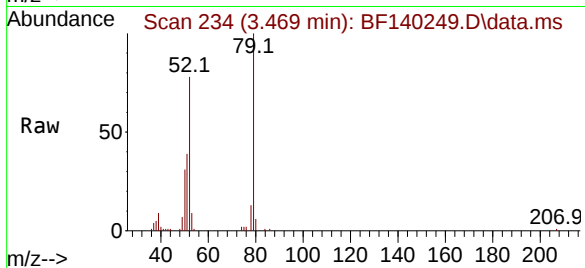
Tgt Ion: 79 Resp: 99114
 Ion Ratio Lower Upper
 79 100
 52 77.9 64.6 97.0
 51 39.4 32.5 48.7

Manual Integrations

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Supervised By :mohammad ahmed 11/06/2024



#4

n-Nitrosodimethylamine

Concen: 7.092 ng

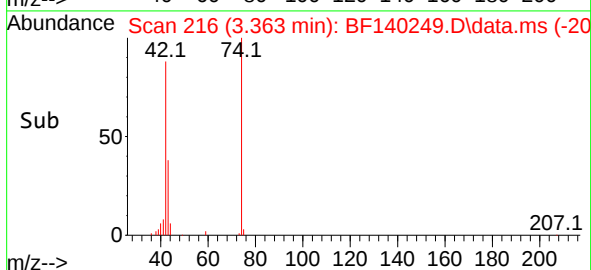
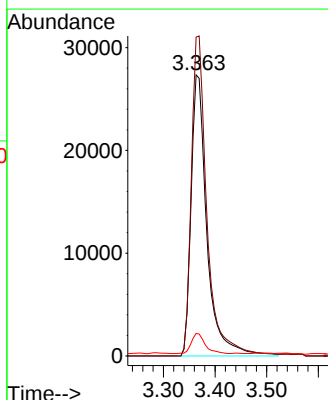
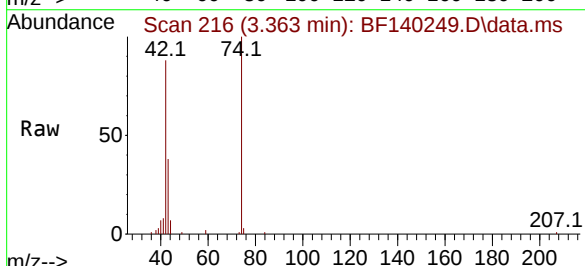
RT: 3.363 min Scan# 216

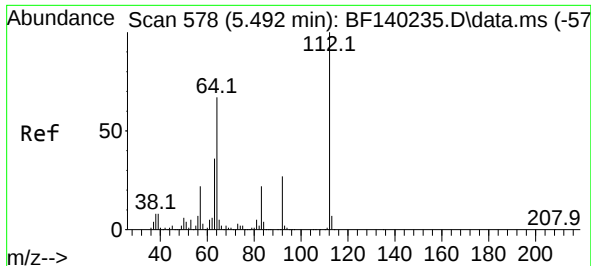
Delta R.T. -0.029 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Tgt Ion: 42 Resp: 58230
 Ion Ratio Lower Upper
 42 100
 74 113.4 86.9 130.3
 44 8.0 5.0 7.6#





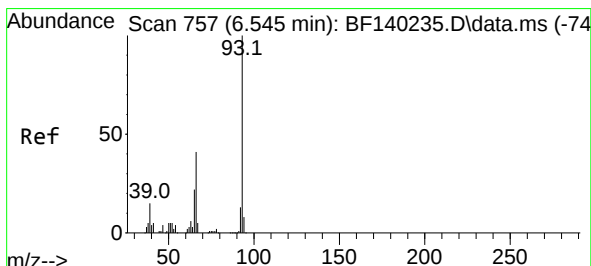
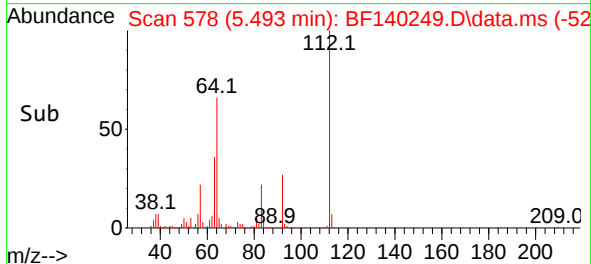
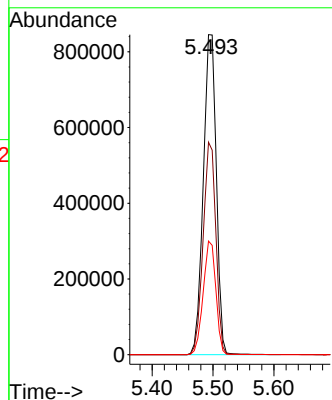
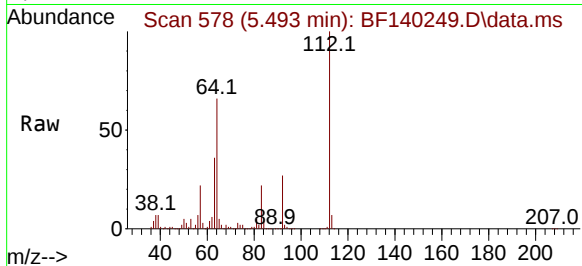
#5
2-Fluorophenol
Concen: 99.089 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:112 Resp: 125614
Ion Ratio Lower Upper
112 100
64 66.4 53.4 80.2
63 35.5 28.9 43.3

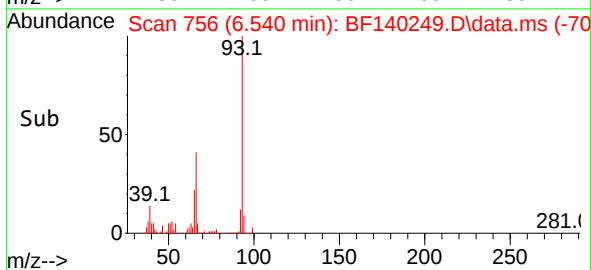
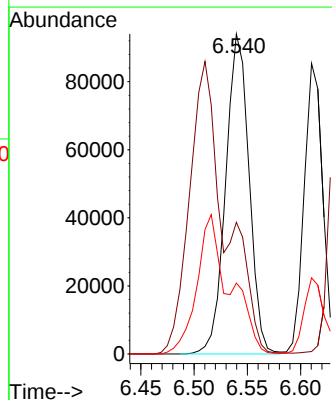
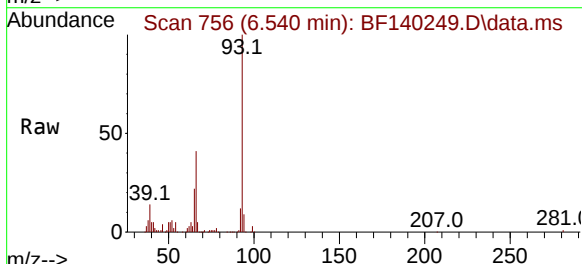
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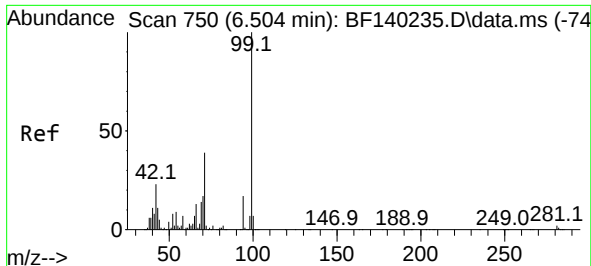
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#6
Aniline
Concen: 9.767 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

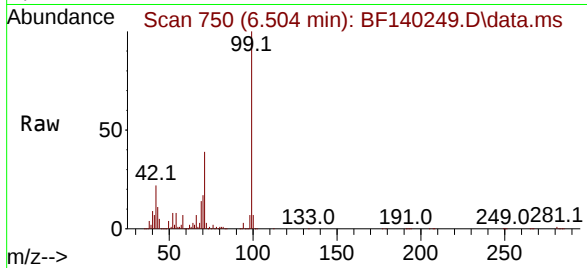
Tgt Ion: 93 Resp: 143887
Ion Ratio Lower Upper
93 100
66 41.2 33.6 50.4
65 22.1 17.5 26.3





#7
Phenol-d6
Concen: 104.125 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

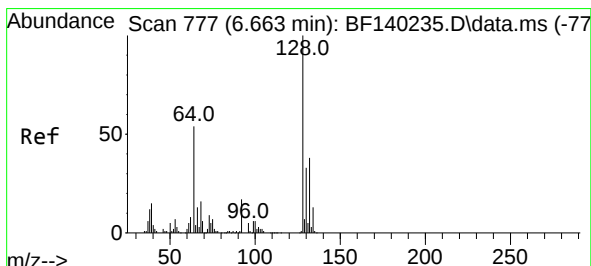
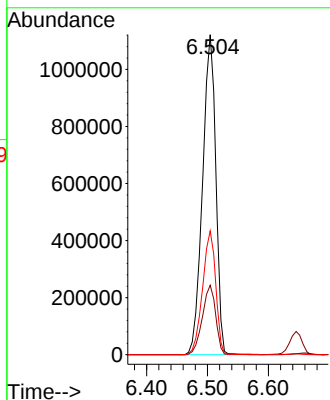
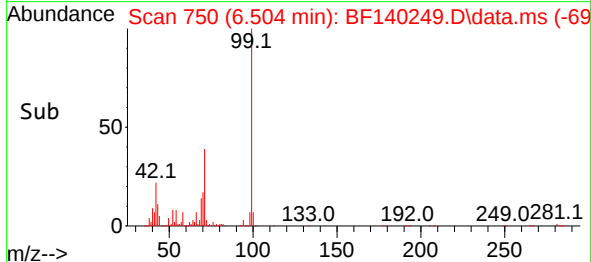
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Tgt Ion: 99 Resp: 1697838
Ion Ratio Lower Upper
99 100
42 21.7 18.2 27.2
71 38.7 30.9 46.3

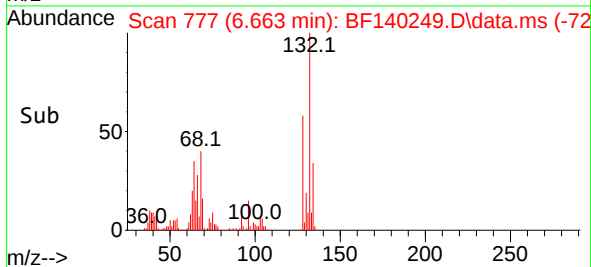
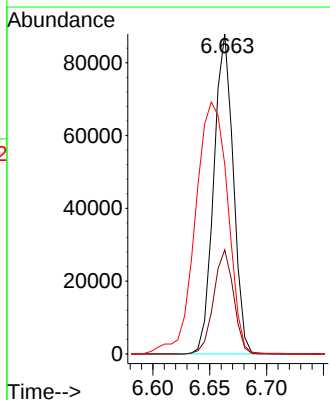
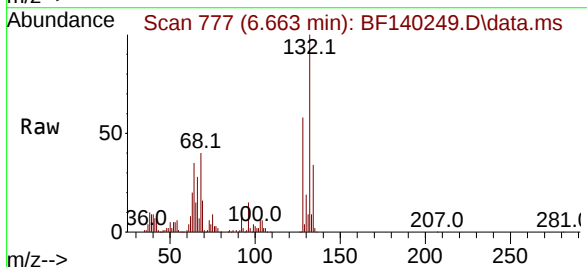
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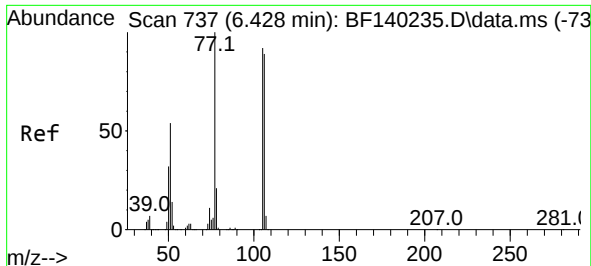
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#8
2-Chlorophenol
Concen: 7.913 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

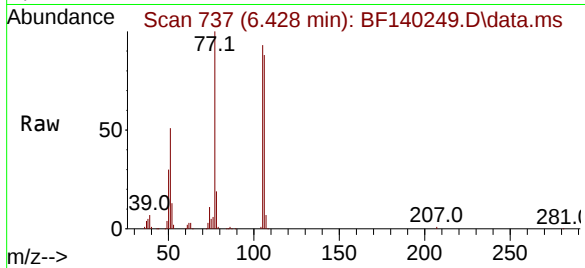
Tgt Ion:128 Resp: 104959
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 59.2 36.3 76.3





#9
Benzaldehyde
Concen: 9.339 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

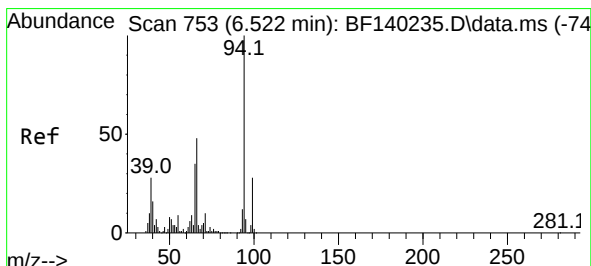
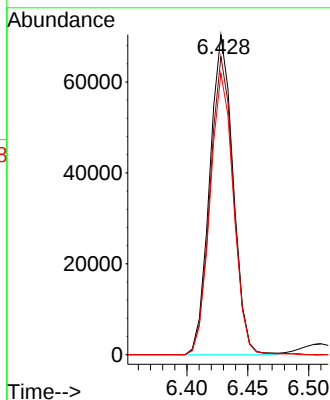
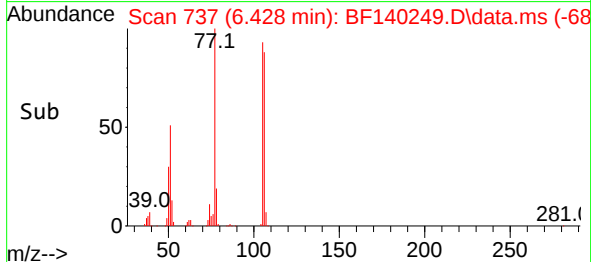
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 9380
Ion Ratio Lower Upper
77 100
105 93.1 72.1 112.1
106 87.9 68.8 108.8

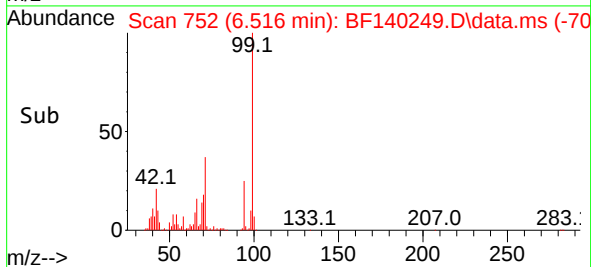
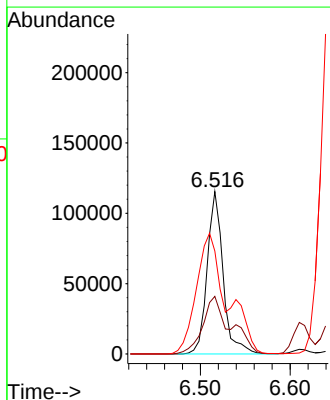
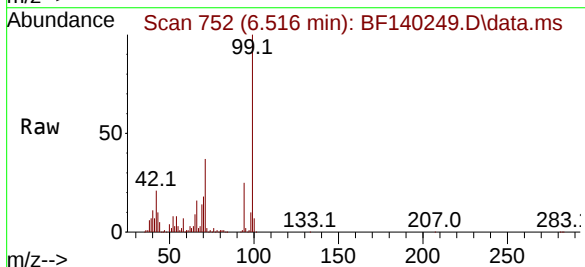
Manual Integrations
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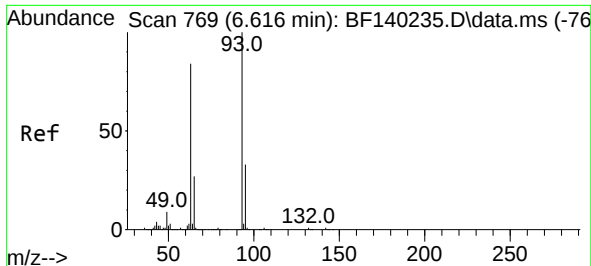
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#10
Phenol
Concen: 8.215 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

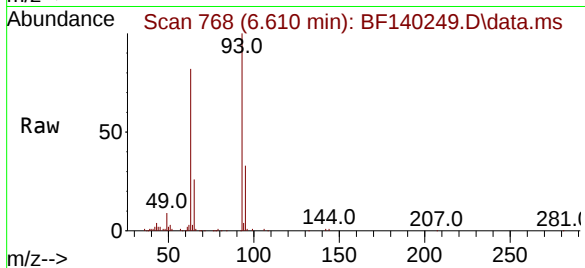
Tgt Ion: 94 Resp: 142265
Ion Ratio Lower Upper
94 100
65 35.5 15.1 55.1
66 63.3 28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 7.896 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

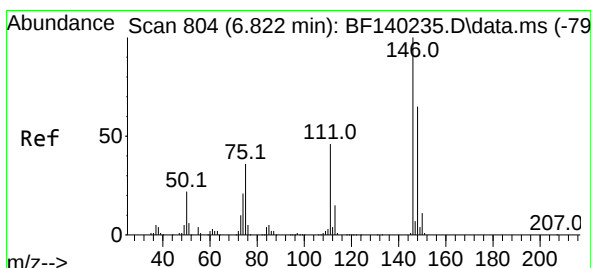
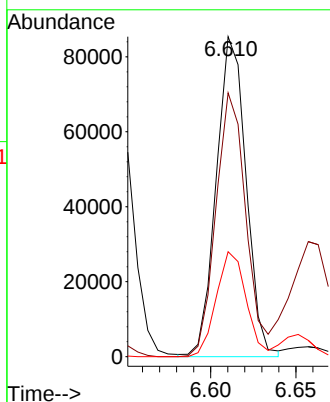
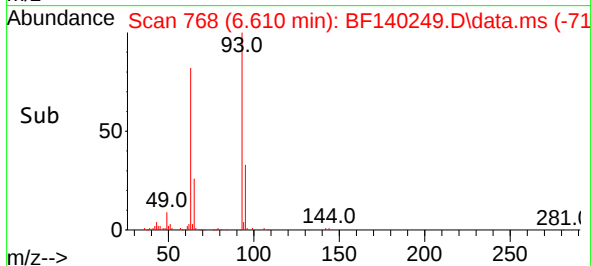
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



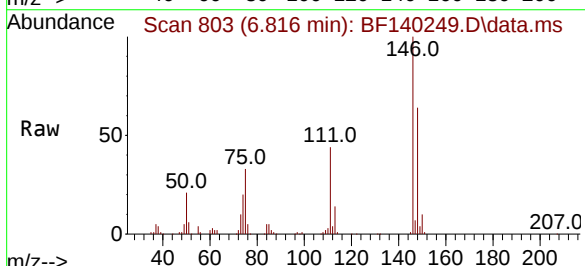
Tgt Ion: 93 Resp: 10388
Ion Ratio Lower Upper
93 100
63 82.4 63.6 103.6
95 32.8 12.7 52.7

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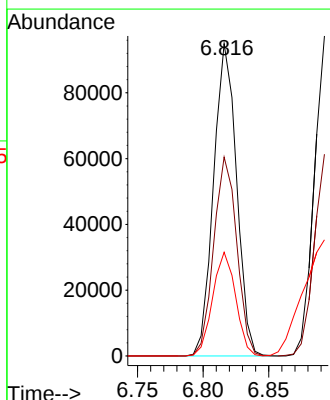
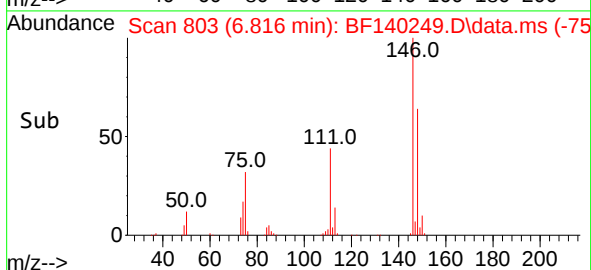
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

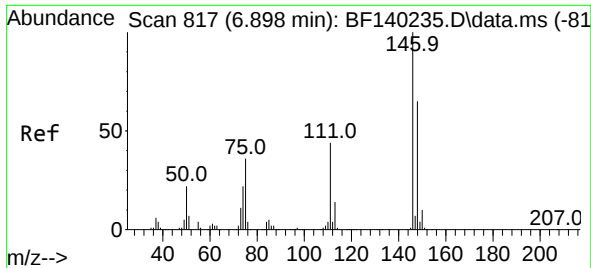


#12
1,3-Dichlorobenzene
Concen: 7.433 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



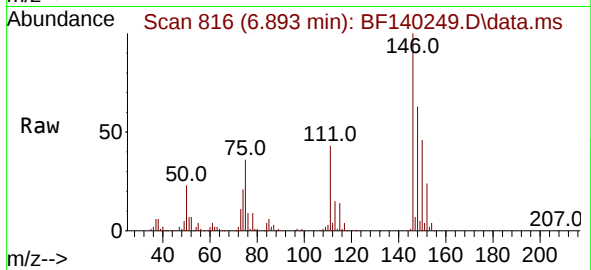
Tgt Ion:146 Resp: 115539
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
75 33.2 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 7.551 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

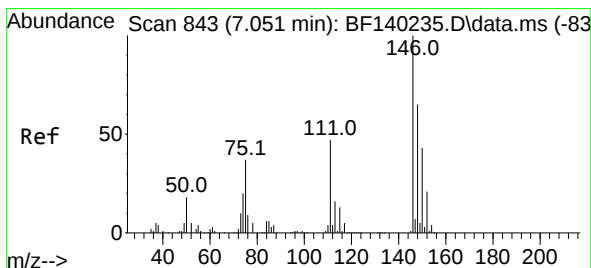
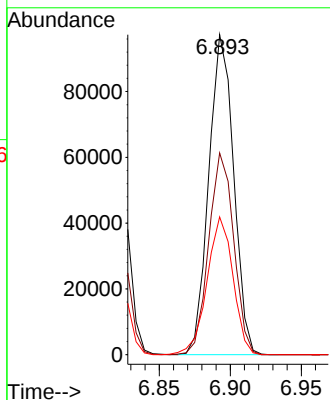
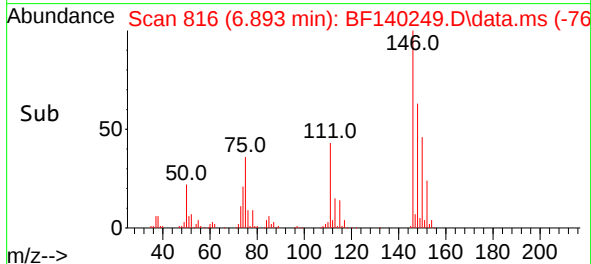
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:146 Resp: 118370
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
111 43.0 35.4 53.2

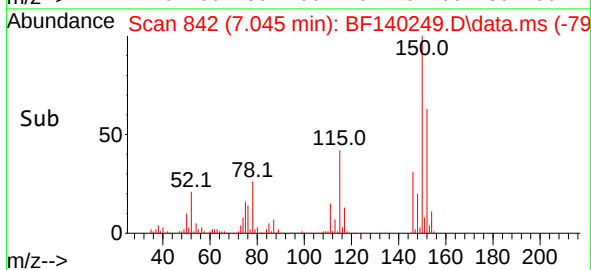
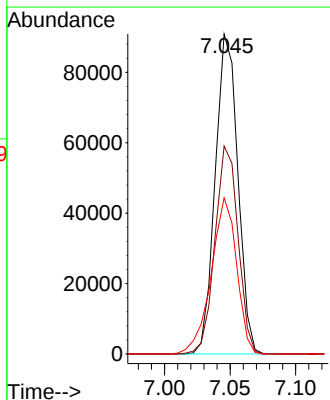
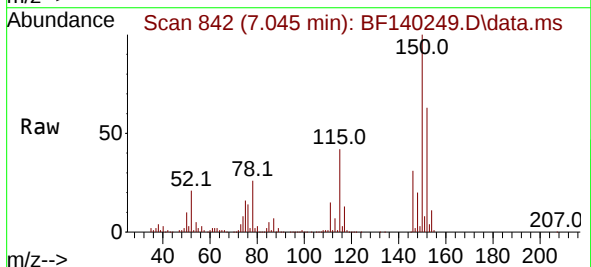
Manual Integrations
APPROVED

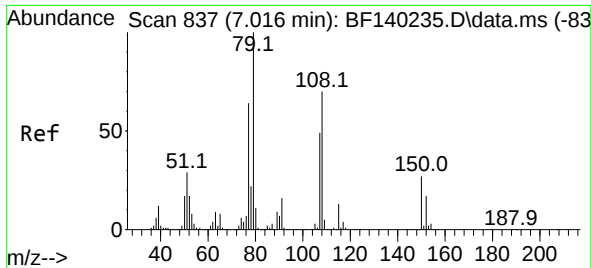
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#14
1,2-Dichlorobenzene
Concen: 7.432 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

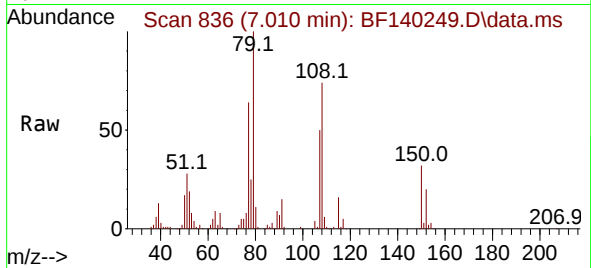
Tgt Ion:146 Resp: 108813
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
111 48.8 37.9 56.9





#15
Benzyl Alcohol
Concen: 9.384 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

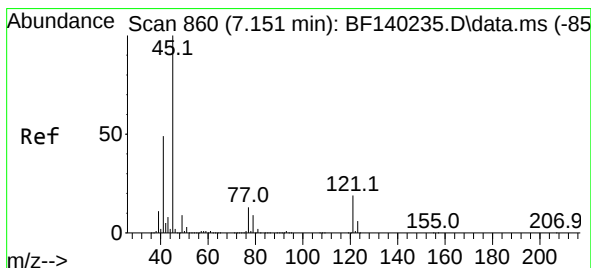
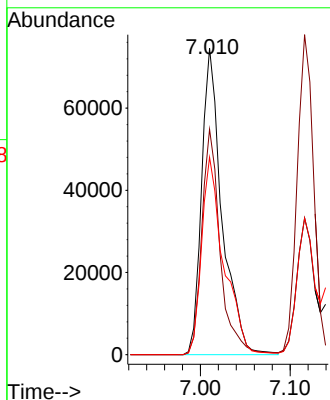
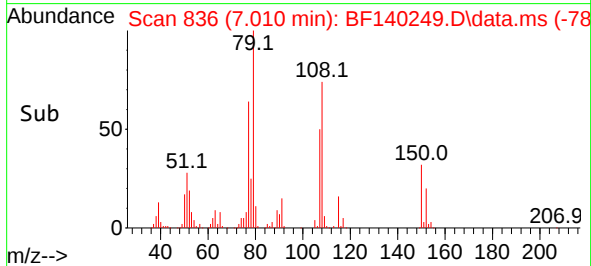
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 79 Resp: 11795
Ion Ratio Lower Upper
79 100
108 73.5 55.8 83.6
77 64.4 51.1 76.7

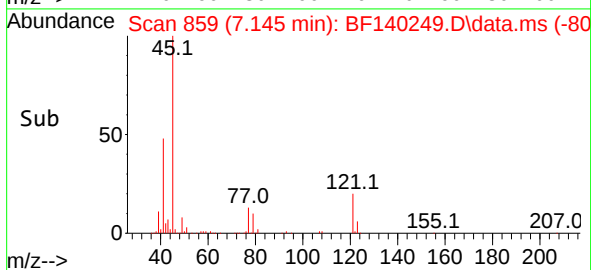
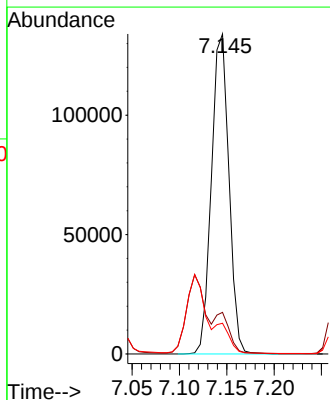
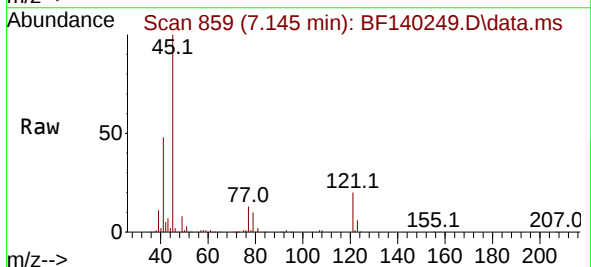
Manual Integrations
APPROVED

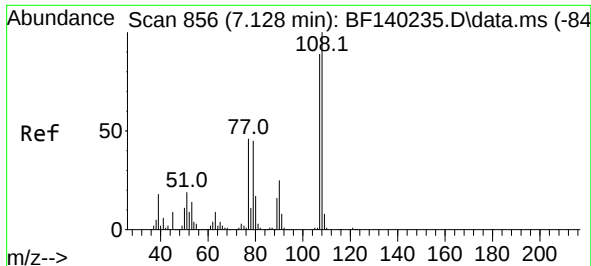
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.092 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

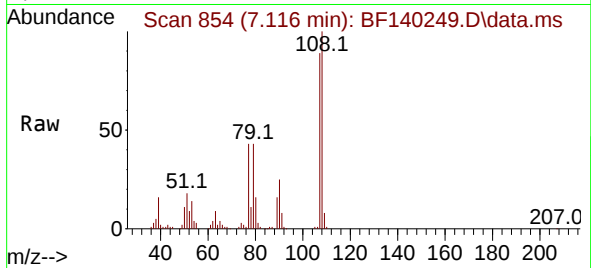
Tgt Ion: 45 Resp: 172315
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.3
79 9.6 0.0 29.9





#17
2-Methylphenol
Concen: 7.880 ng
RT: 7.116 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

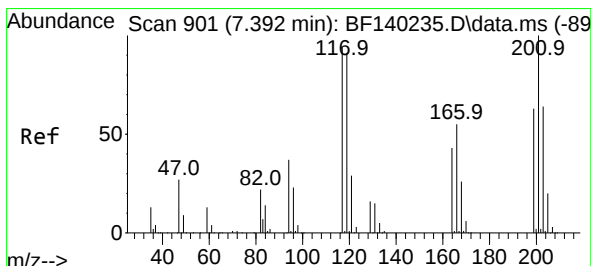
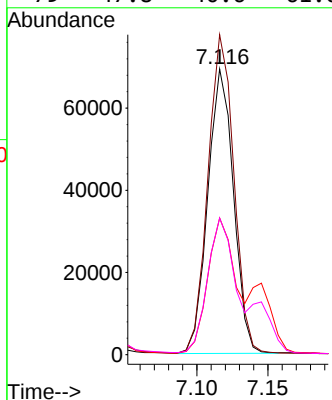
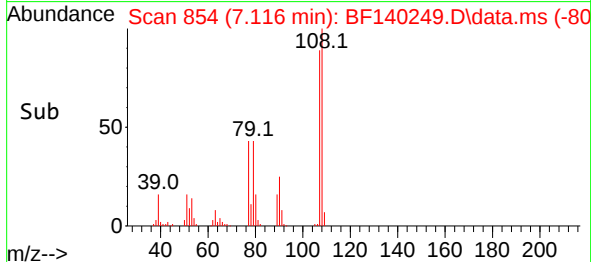
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	107	Resp:	8719
Ion Ratio	Lower	Upper	
107	100		
108	112.0	90.5	135.7
77	47.8	41.8	62.6
79	47.8	40.6	61.0

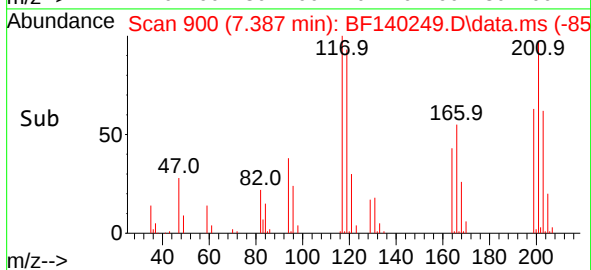
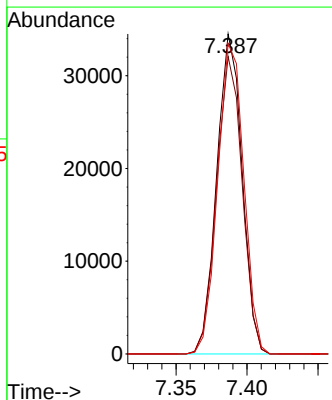
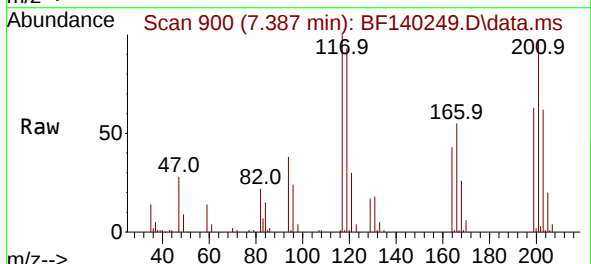
Manual Integrations
APPROVED

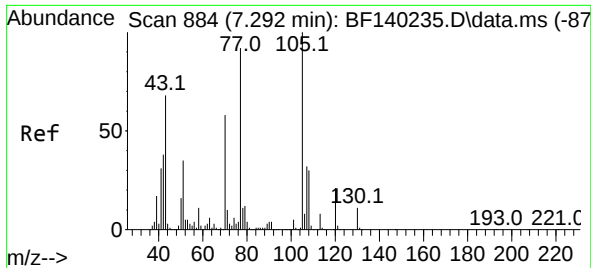
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 7.343 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

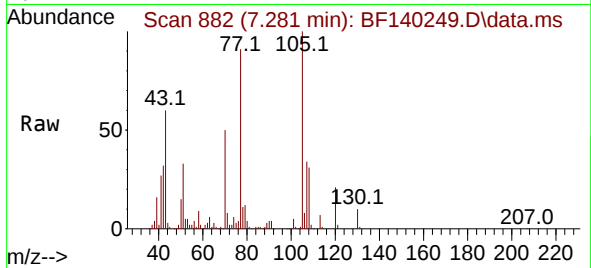
Tgt Ion:	117	Resp:	42878
Ion Ratio	Lower	Upper	
117	100		
119	93.0	77.3	115.9
201	97.0	85.1	127.7





#19
n-Nitroso-di-n-propylamine
Concen: 8.197 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

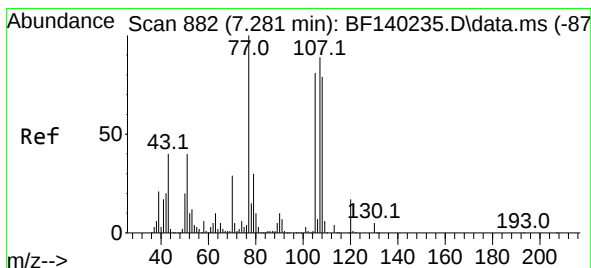
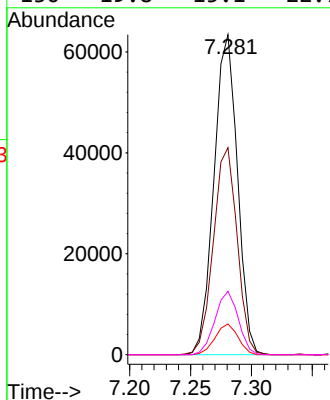
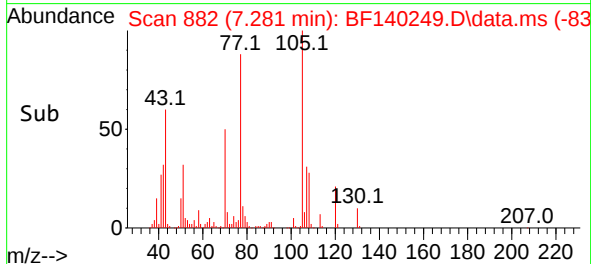
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



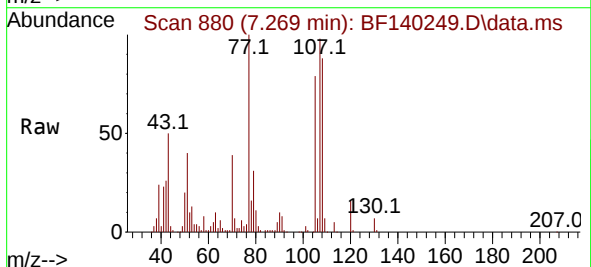
Tgt Ion: 70	Resp: 8526
Ion Ratio	Lower Upper
70	100
42	64.7 52.8 79.2
101	9.6 7.4 11.2
130	19.8 15.1 22.7

Manual Integrations
APPROVED

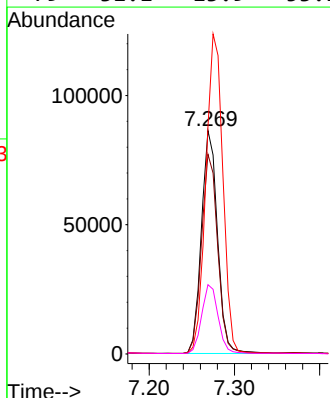
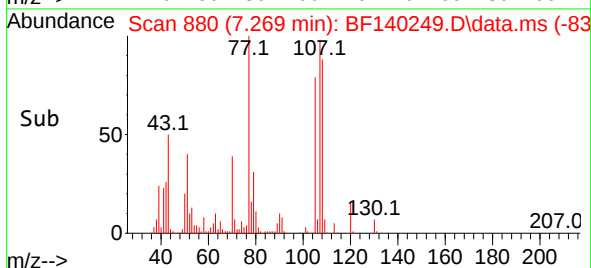
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

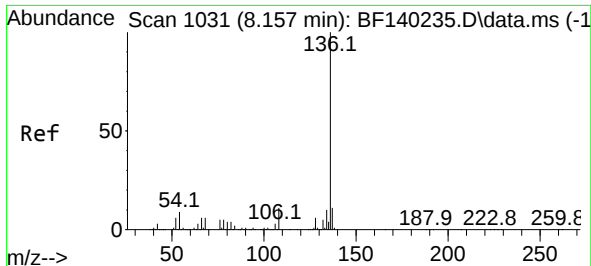


#20
3+4-Methylphenols
Concen: 8.154 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



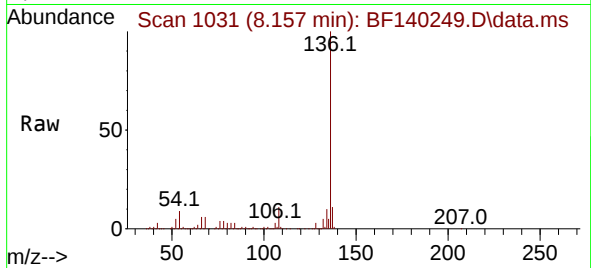
Tgt Ion:107	Resp: 113315
Ion Ratio	Lower Upper
107	100
108	89.4 69.4 109.4
77	101.6 92.7 132.7
79	31.1 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

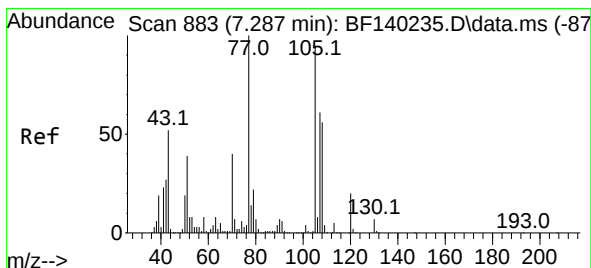
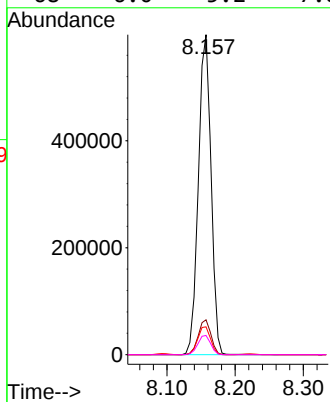
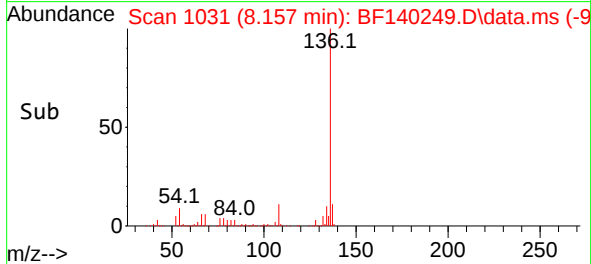


Tgt Ion:136 Resp: 772429

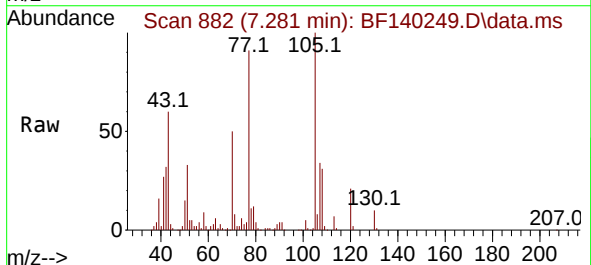
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.7	7.7	11.5
68	6.0	5.2	7.8

Manual Integrations
APPROVED

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

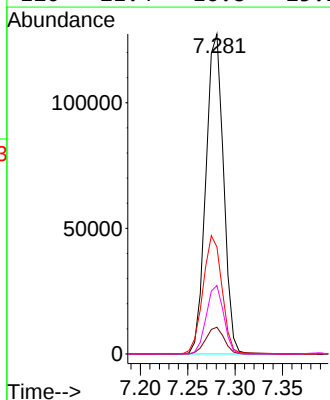
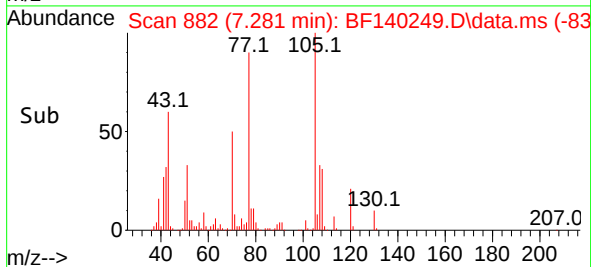


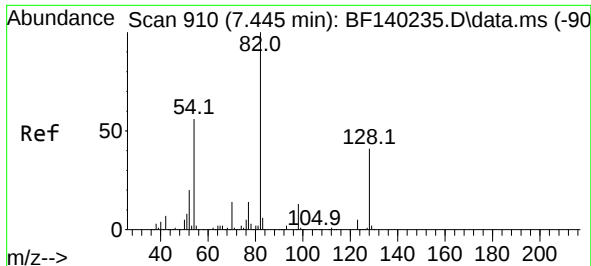
#22
Acetophenone
Concen: 8.636 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



Tgt Ion:105 Resp: 165386

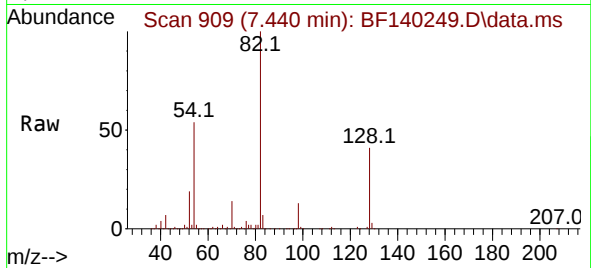
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.6	8.4
51	33.4	33.2	49.8
120	21.4	16.8	25.2





#23
Nitrobenzene-d5
Concen: 77.457 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

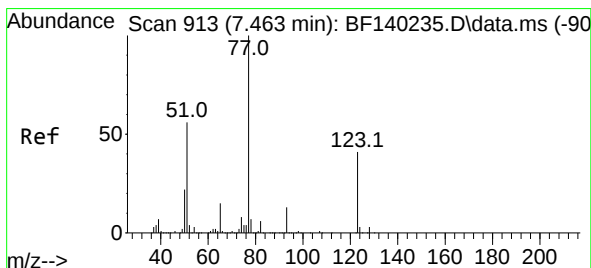
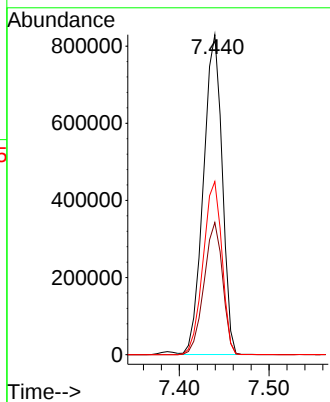
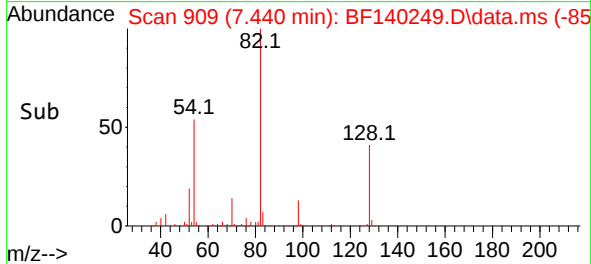
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 82 Resp: 1203380
Ion Ratio Lower Upper
82 100
128 41.3 32.8 49.2
54 54.1 44.3 66.5

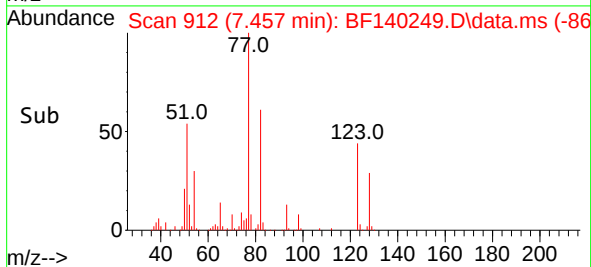
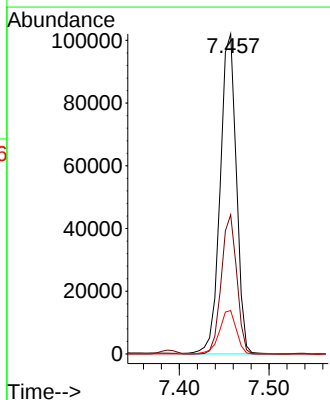
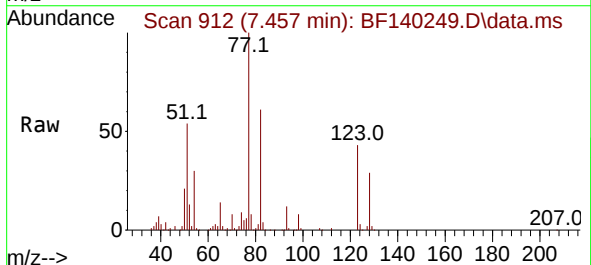
Manual Integrations
APPROVED

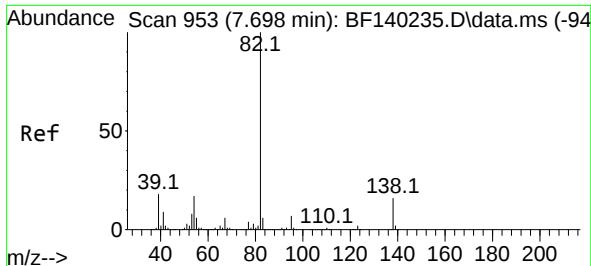
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#24
Nitrobenzene
Concen: 7.841 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

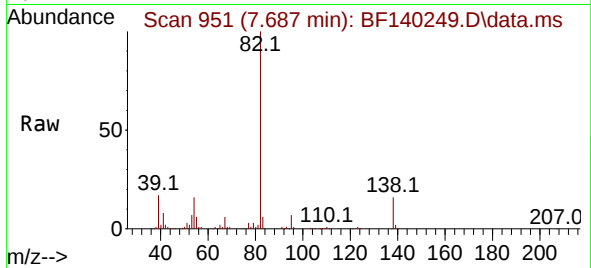
Tgt Ion: 77 Resp: 127818
Ion Ratio Lower Upper
77 100
123 43.5 33.0 49.4
65 13.5 11.7 17.5





#25
Isophorone
Concen: 8.272 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

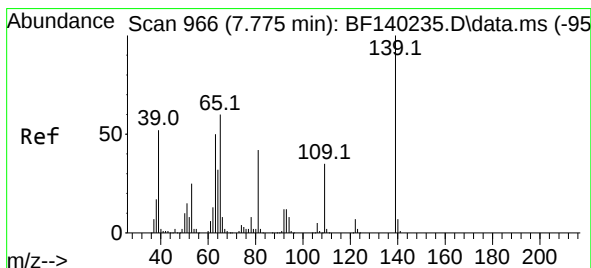
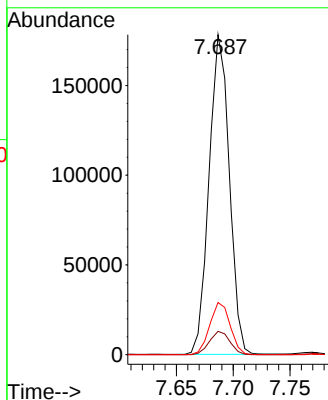
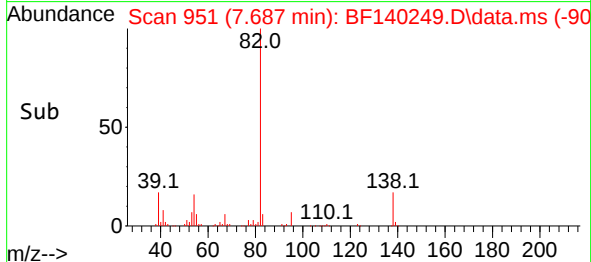
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 82 Resp: 221280
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.3 12.9 19.3

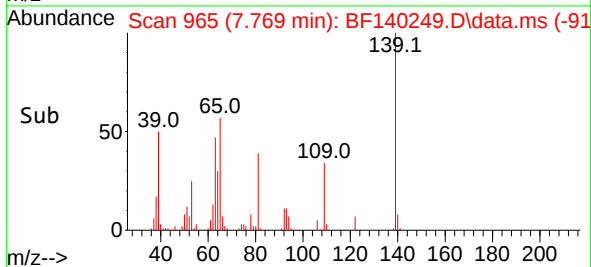
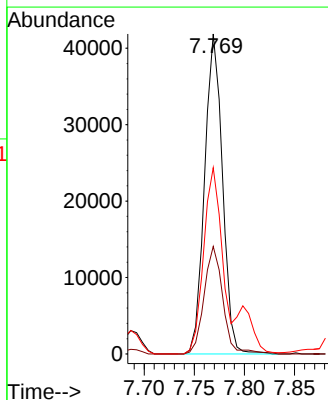
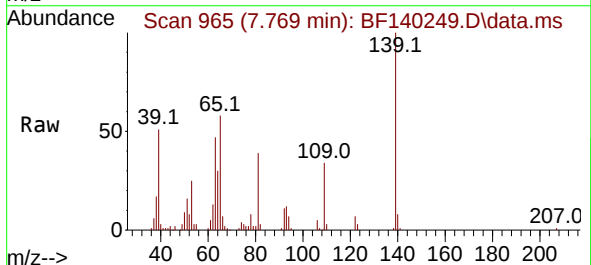
Manual Integrations
APPROVED

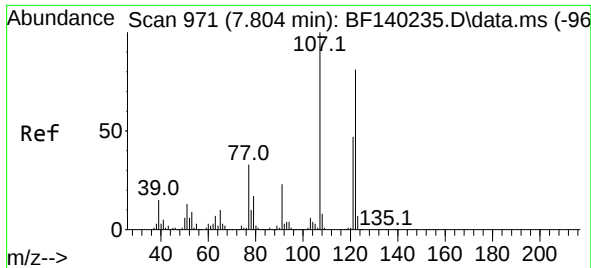
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 8.036 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:139 Resp: 52110
Ion Ratio Lower Upper
139 100
109 33.6 27.8 41.8
65 58.2 48.2 72.2





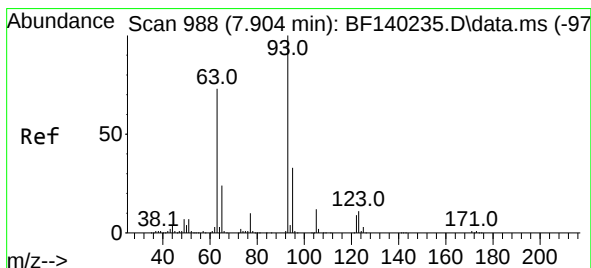
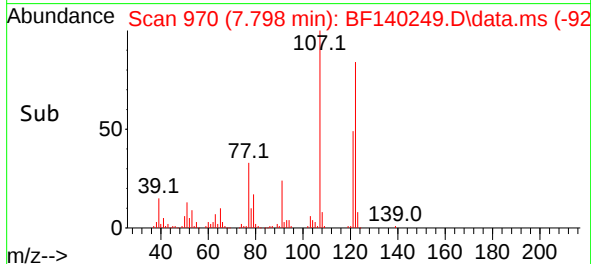
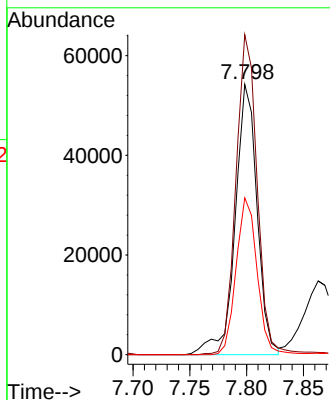
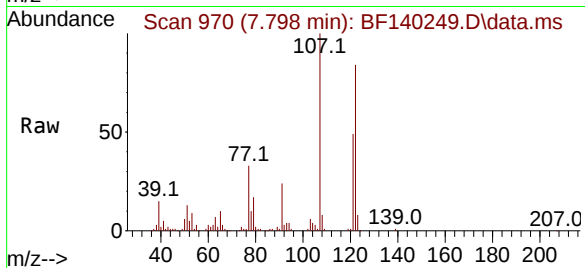
#27
2,4-Dimethylphenol
Concen: 8.263 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:122 Resp: 72899
Ion Ratio Lower Upper
122 100
107 118.4 99.4 149.0
121 58.0 47.1 70.7

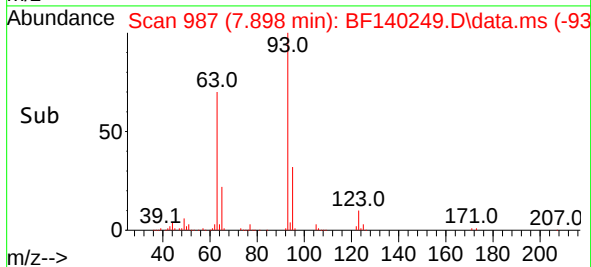
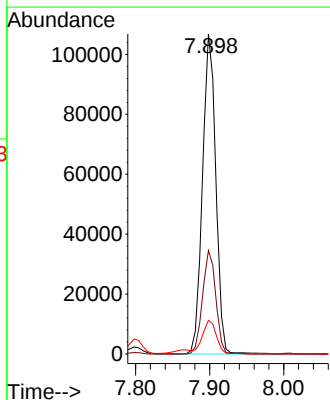
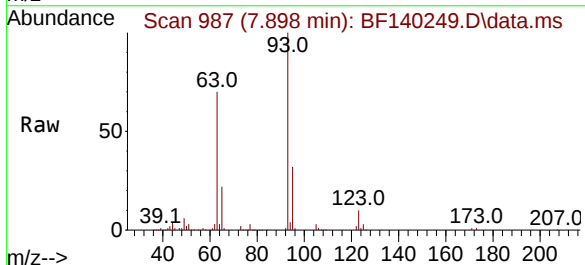
Manual Integrations
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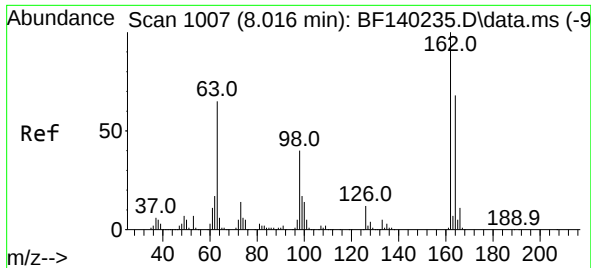
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 8.320 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion: 93 Resp: 133198
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 8.252 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

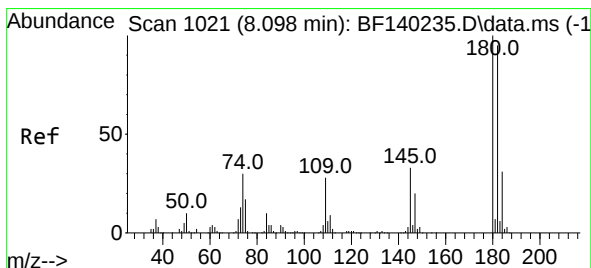
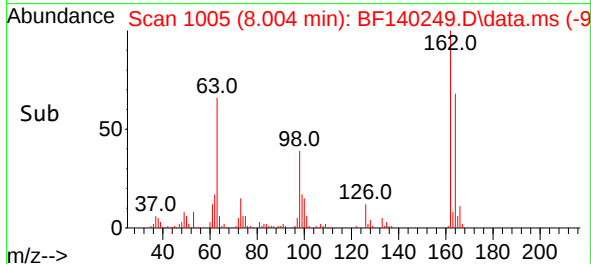
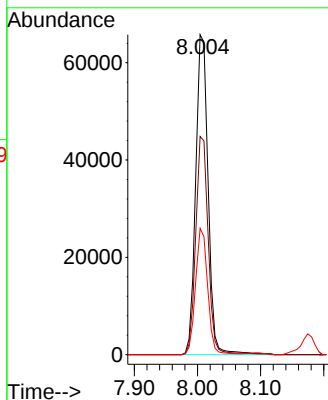
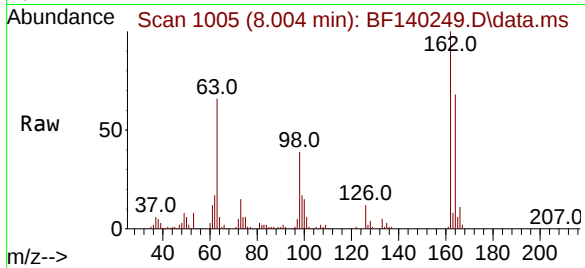
Tgt Ion:162	Resp:	9005
Ion Ratio	Lower	Upper
162	100	
164	68.2	47.5 87.5
98	39.4	19.5 59.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 7.942 ng

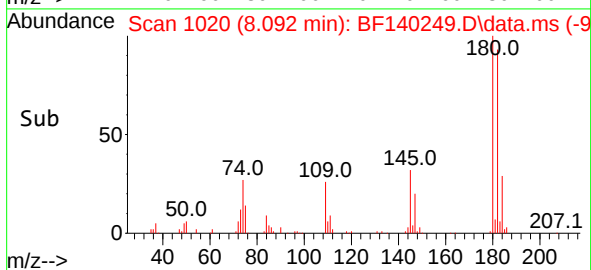
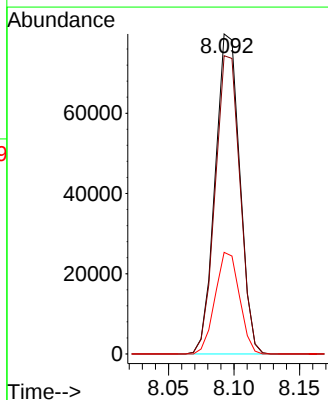
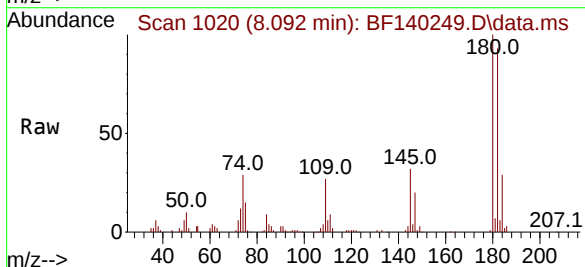
RT: 8.092 min Scan# 1020

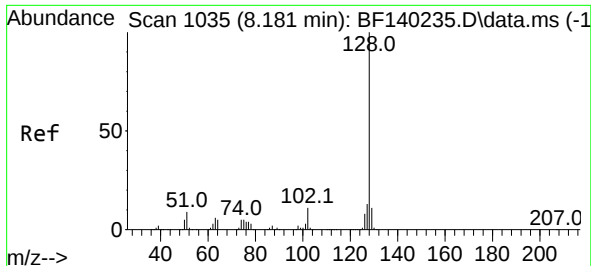
Delta R.T. -0.006 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Tgt Ion:180	Resp:	103865
Ion Ratio	Lower	Upper
180	100	
182	93.2	75.9 113.9
145	31.8	26.1 39.1





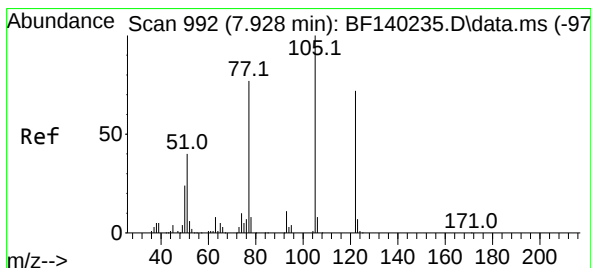
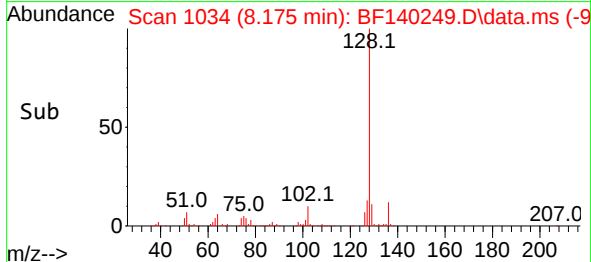
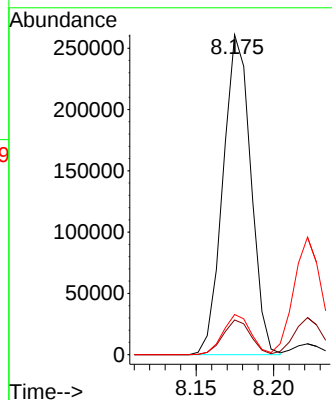
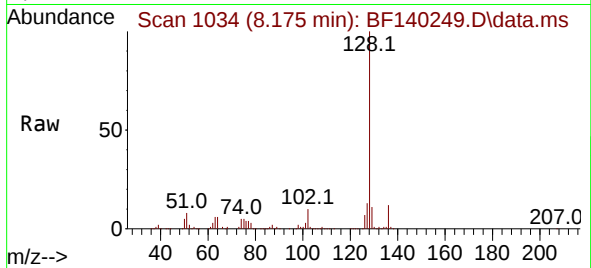
#31
Naphthalene
Concen: 8.168 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:128 Resp: 32581
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.6 10.7 16.1

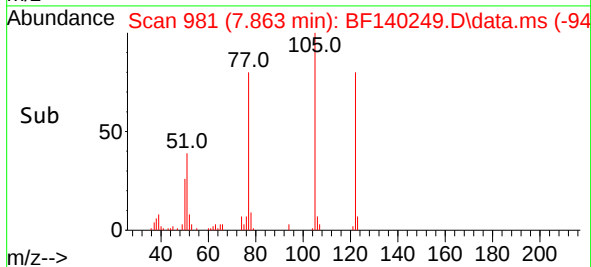
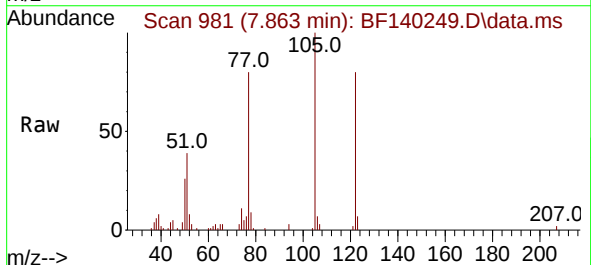
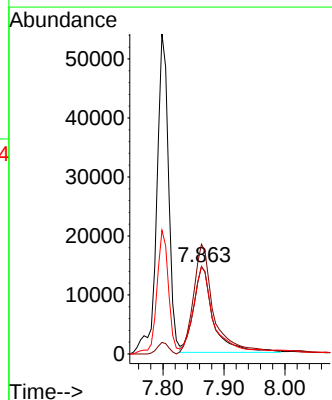
Manual Integrations
APPROVED

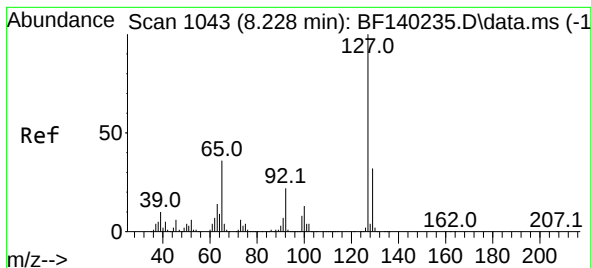
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#32
Benzoic acid
Concen: 4.520 ng m
RT: 7.863 min Scan# 981
Delta R.T. -0.065 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

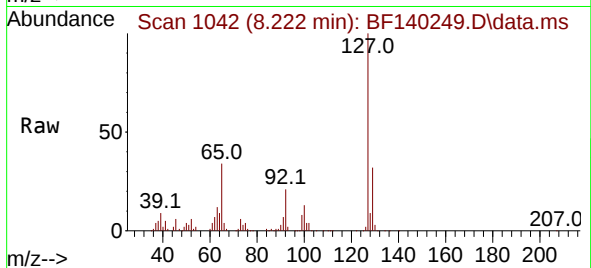
Tgt Ion:122 Resp: 32728
Ion Ratio Lower Upper
122 100
105 125.7 112.6 152.6
77 100.2 84.3 124.3





#33
4-Chloroaniline
Concen: 9.376 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

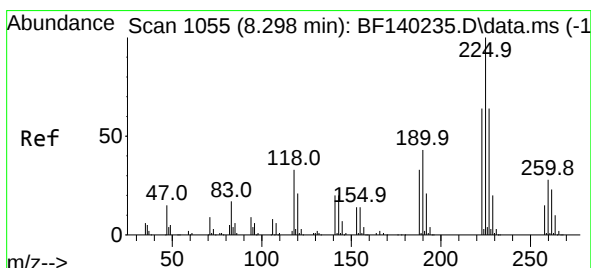
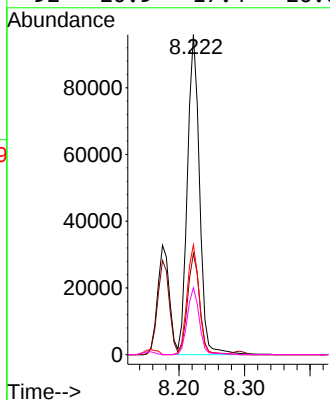
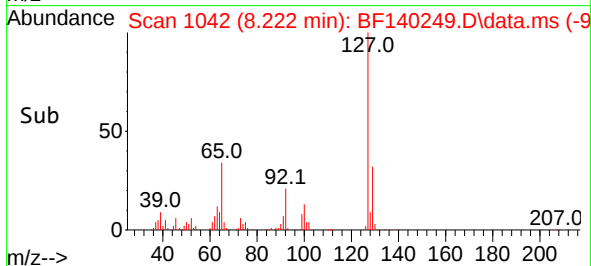
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:127 Resp: 12311
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.6
65 34.3 29.0 43.6
92 20.9 17.4 26.0

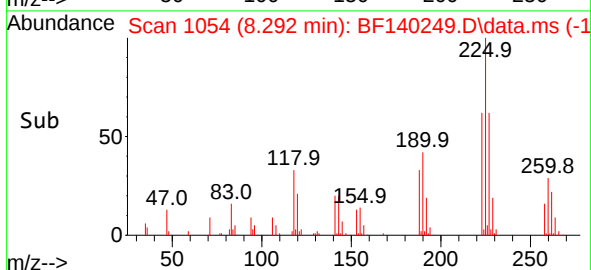
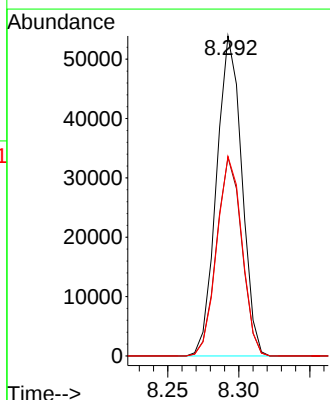
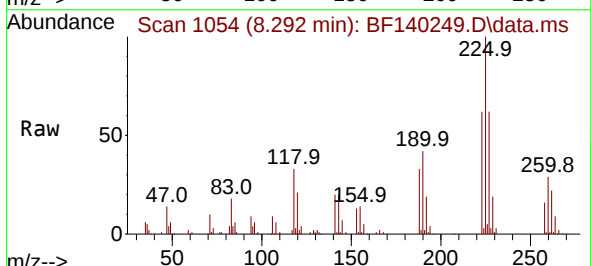
Manual Integrations
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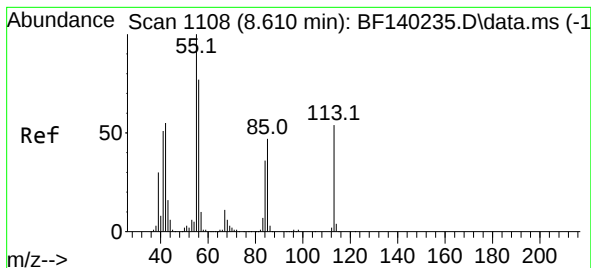
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#34
Hexachlorobutadiene
Concen: 7.528 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:225 Resp: 66640
Ion Ratio Lower Upper
225 100
223 62.0 50.8 76.2
227 62.4 51.0 76.6





#35

Caprolactam

Concen: 8.054 ng

RT: 8.563 min Scan# 1108

Delta R.T. -0.047 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

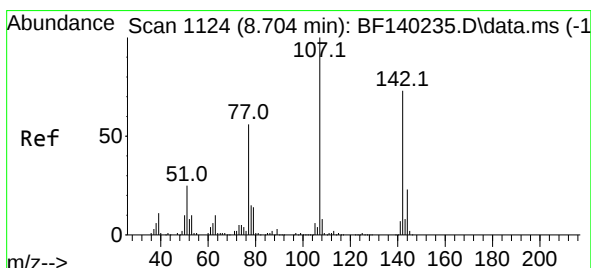
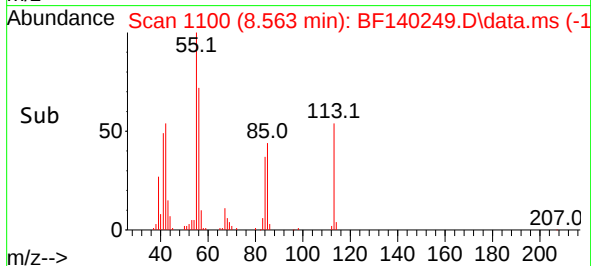
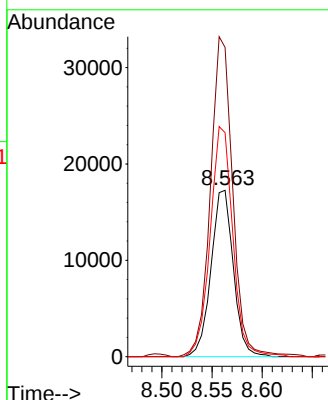
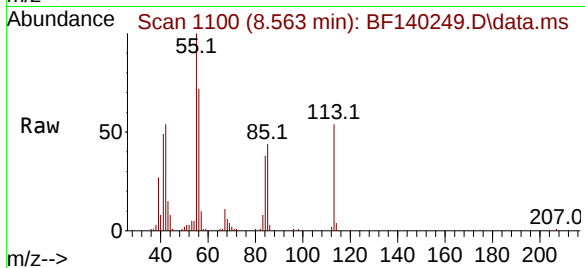
Tgt Ion:113 Resp: 26738
 Ion Ratio Lower Upper
 113 100
 55 185.9 165.2 205.2
 56 134.6 122.1 162.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#36

4-Chloro-3-methylphenol

Concen: 8.067 ng

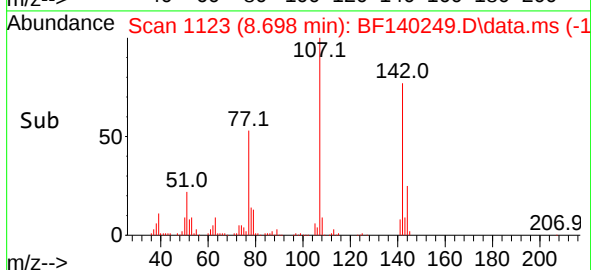
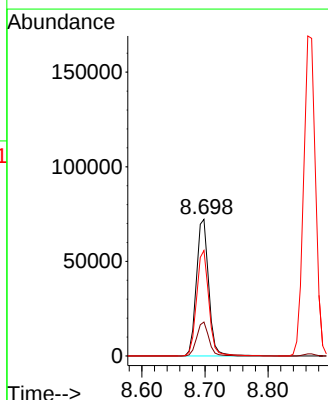
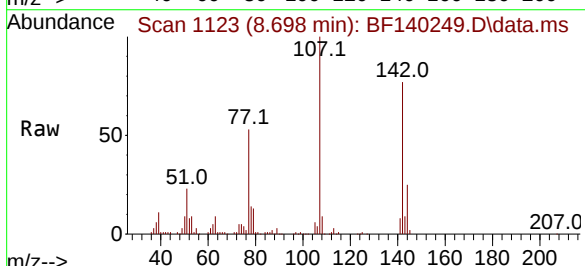
RT: 8.698 min Scan# 1123

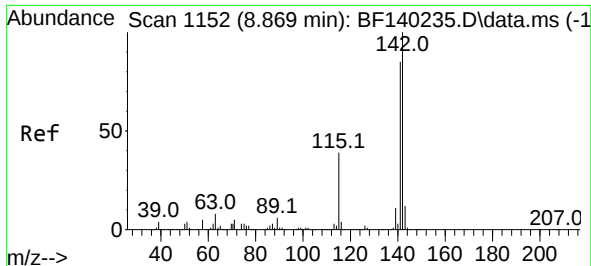
Delta R.T. -0.006 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Tgt Ion:107 Resp: 98028
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.6 27.8
 142 77.1 58.1 87.1





#37

2-Methylnaphthalene

Concen: 8.471 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:142 Resp: 220519

Ion Ratio Lower Upper

142 100

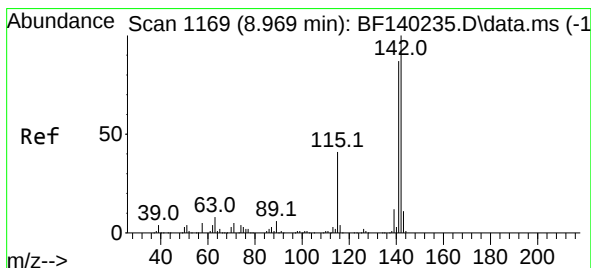
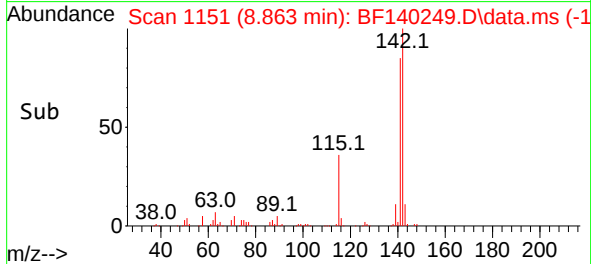
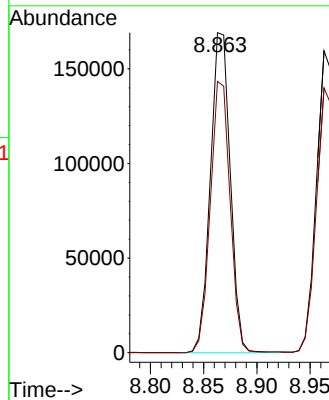
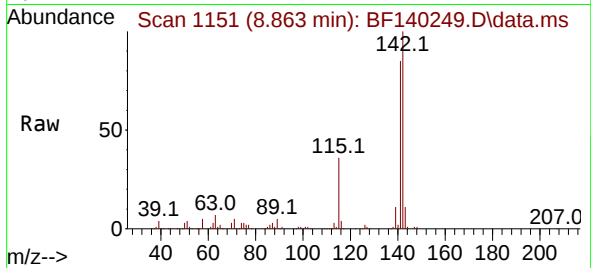
141 84.8 67.8 101.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#38

1-Methylnaphthalene

Concen: 7.948 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140249.D

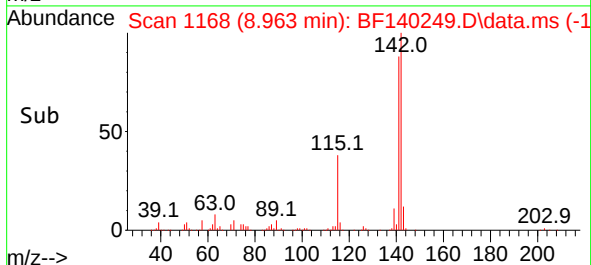
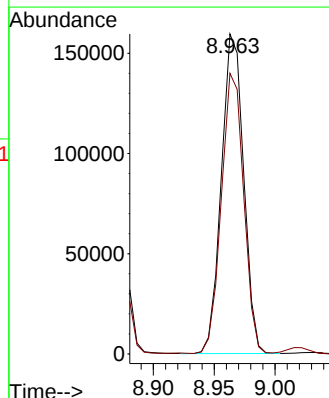
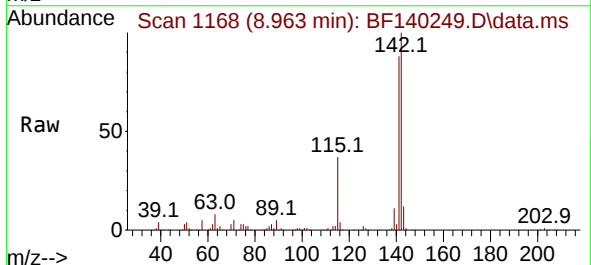
Acq: 05 Nov 2024 20:34

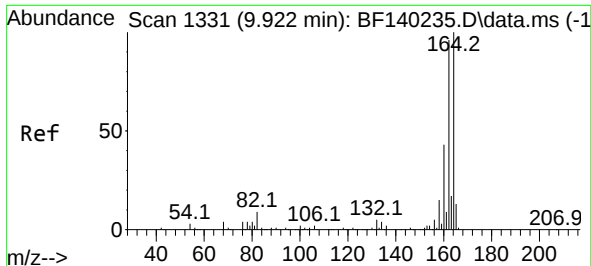
Tgt Ion:142 Resp: 202787

Ion Ratio Lower Upper

142 100

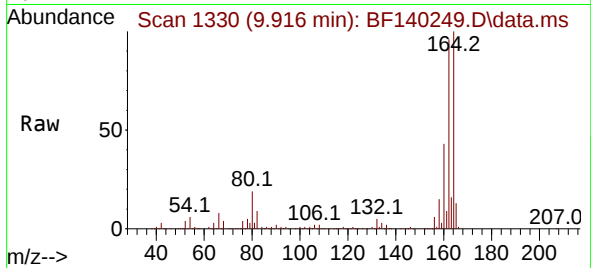
141 87.7 69.7 104.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

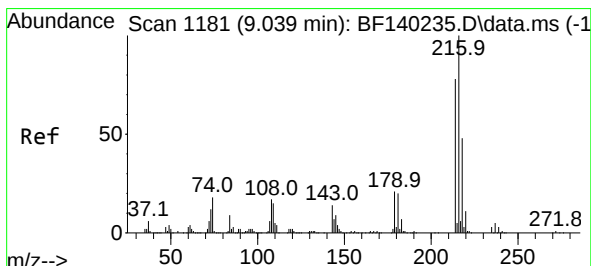
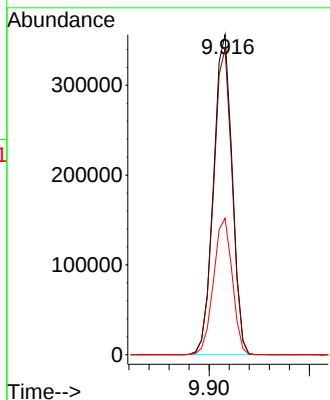
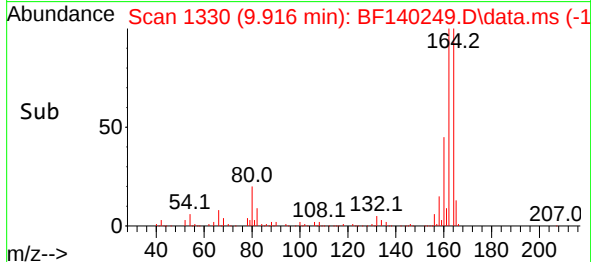
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



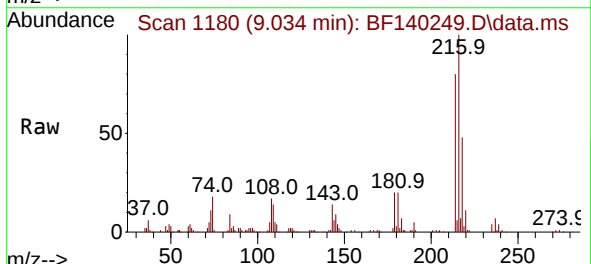
Tgt Ion:164 Resp: 458258
Ion Ratio Lower Upper
164 100
162 95.5 77.0 115.4
160 42.7 34.1 51.1

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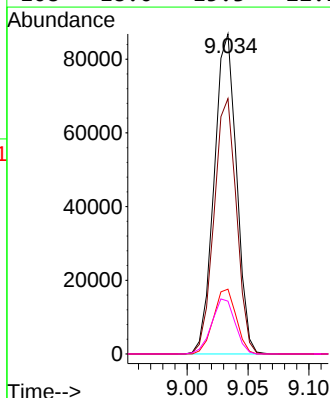
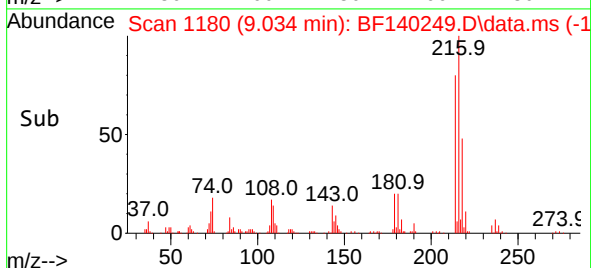
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

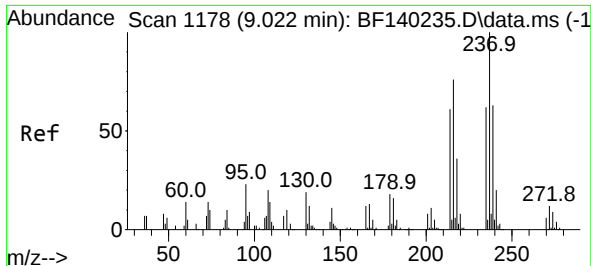


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.300 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



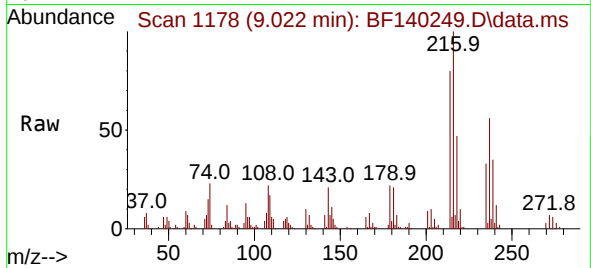
Tgt Ion:216 Resp: 111353
Ion Ratio Lower Upper
216 100
214 79.5 62.8 94.2
179 20.5 17.3 25.9
108 18.0 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 8.550 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

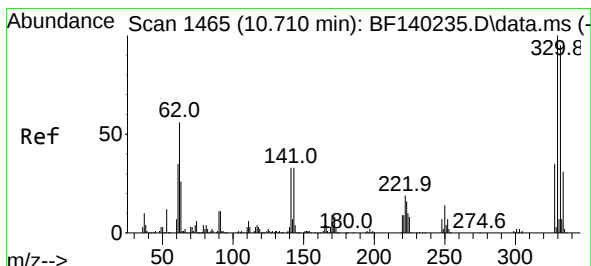
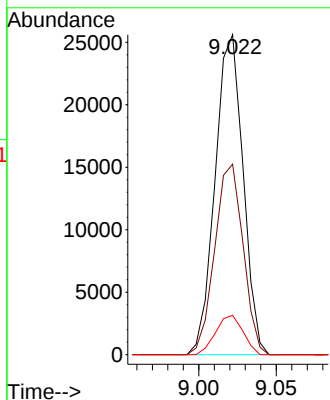
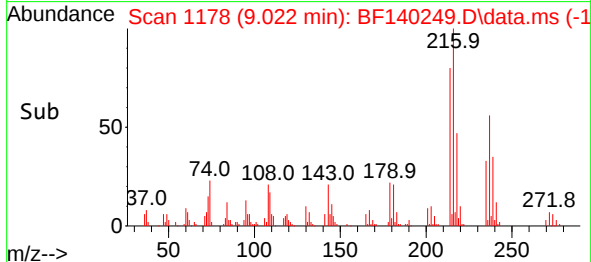
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



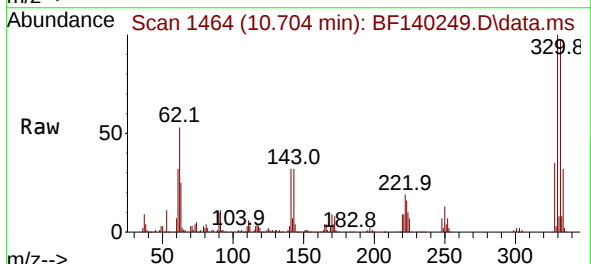
Tgt Ion: 237 Resp: 3214
Ion Ratio Lower Upper
237 100
235 59.5 41.8 81.8
272 12.3 0.0 31.8

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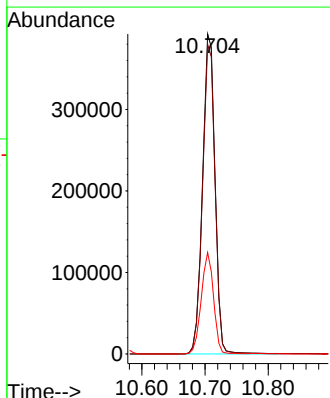
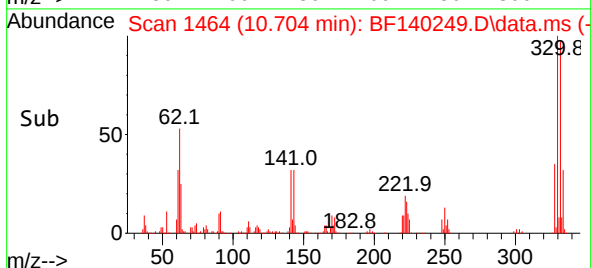
Reviewed By : Yogesh Patel 11/06/2024
Supervised By : mohammad ahmed 11/06/2024

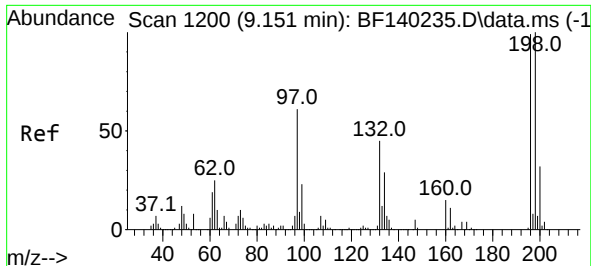


#42
2,4,6-Tribromophenol
Concen: 118.769 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



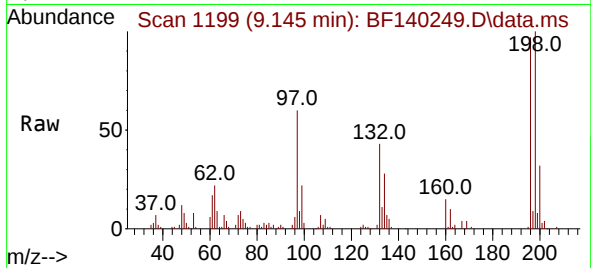
Tgt Ion: 330 Resp: 537982
Ion Ratio Lower Upper
330 100
332 97.0 76.4 114.6
141 31.3 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 7.832 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

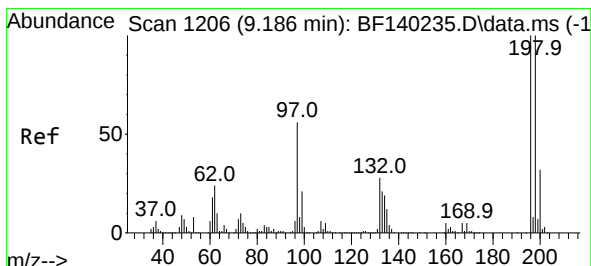
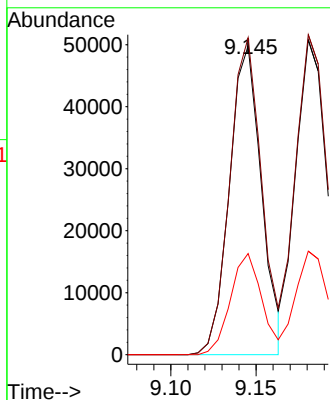
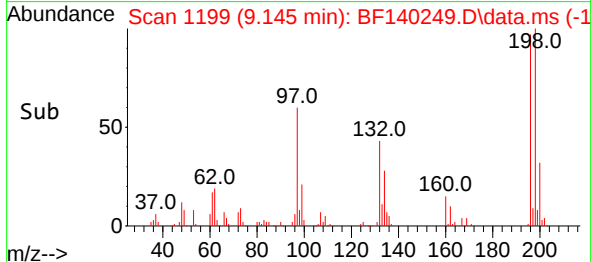
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



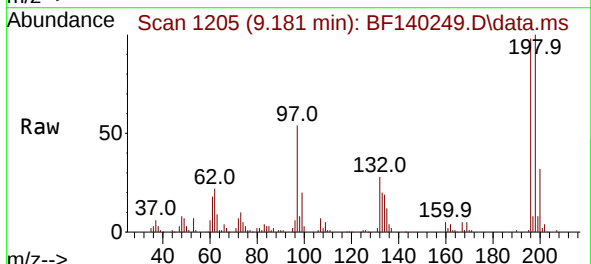
Tgt Ion:196 Resp: 65109
Ion Ratio Lower Upper
196 100
198 102.7 80.8 121.2
200 32.8 26.0 39.0

Manual Integrations
APPROVED

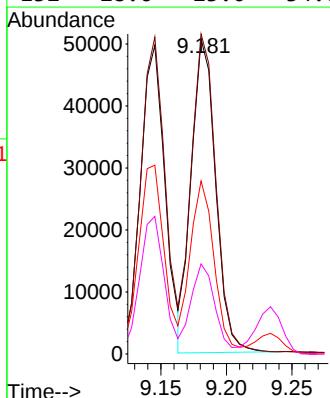
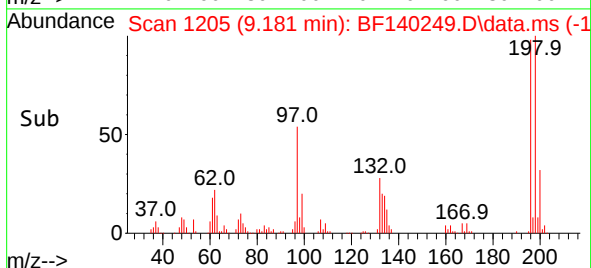
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

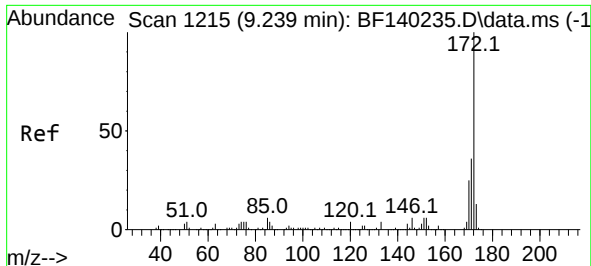


#44
2,4,5-Trichlorophenol
Concen: 7.483 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



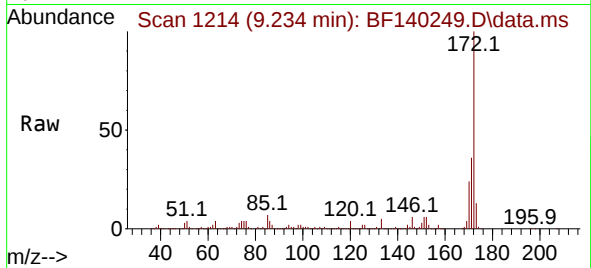
Tgt Ion:196 Resp: 65407
Ion Ratio Lower Upper
196 100
198 101.6 80.0 120.0
97 54.9 45.7 68.5
132 28.6 23.0 34.6





#45
2-Fluorobiphenyl
Concen: 74.972 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

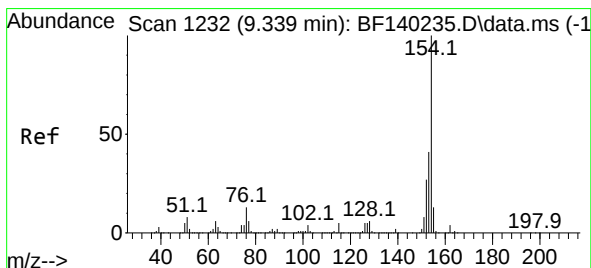
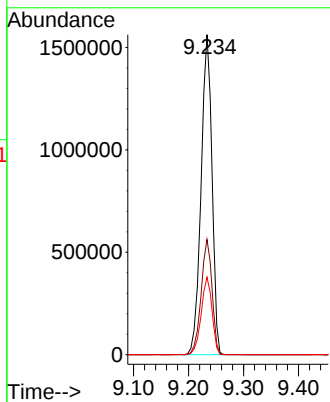
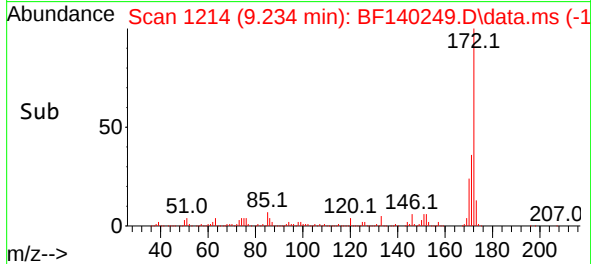
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



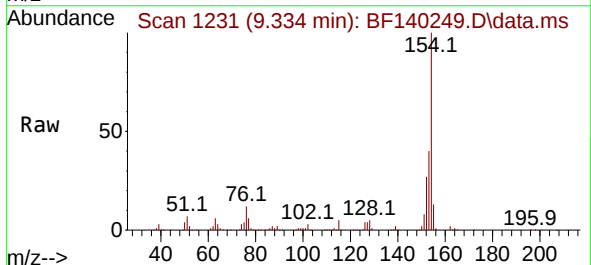
Tgt Ion:172 Resp: 215159
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.6 29.4

Manual Integrations
APPROVED

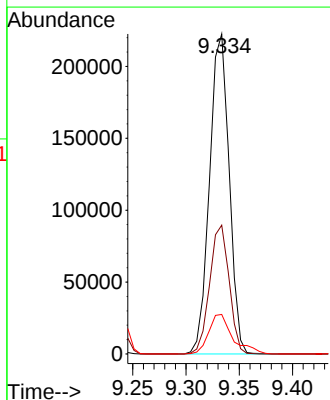
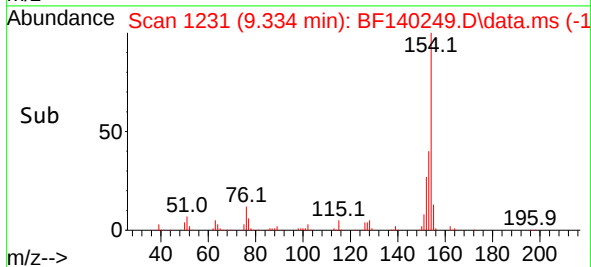
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

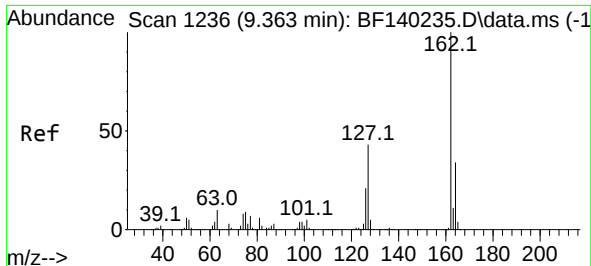


#46
1,1'-Biphenyl
Concen: 8.583 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



Tgt Ion:154 Resp: 284316
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 12.3 0.0 32.6





#47

2-Chloronaphthalene

Concen: 7.966 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

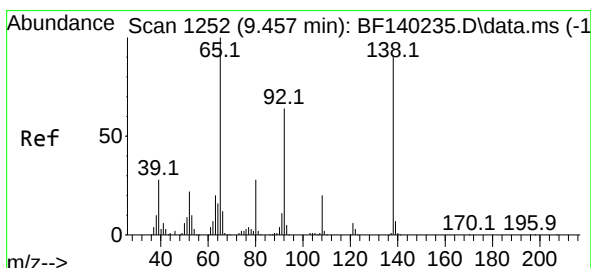
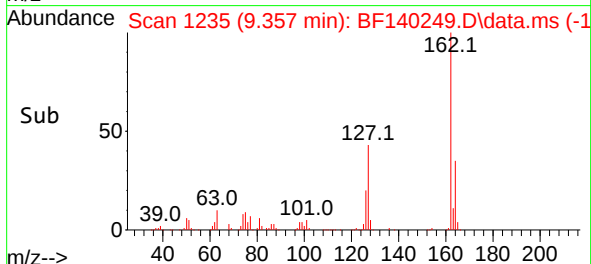
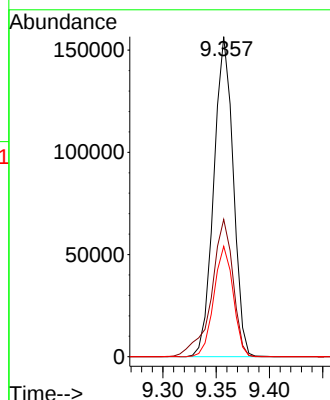
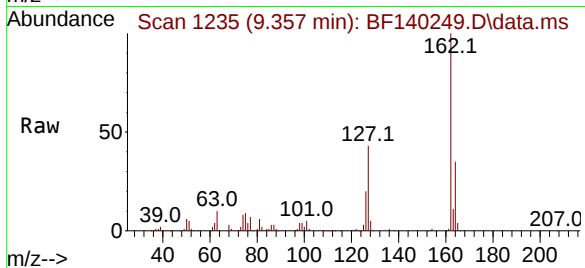
Tgt Ion:	162	Resp:	19859
Ion Ratio	Lower	Upper	
162	100		
127	42.9	34.8	52.2
164	34.5	27.3	40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#48

2-Nitroaniline

Concen: 7.866 ng

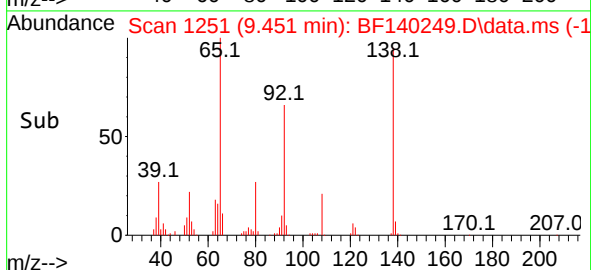
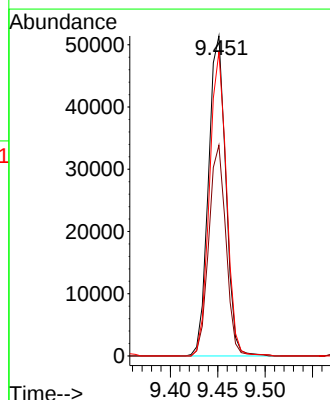
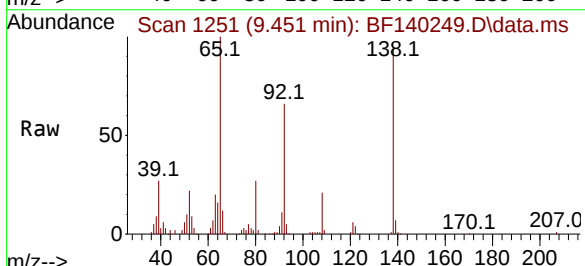
RT: 9.451 min Scan# 1251

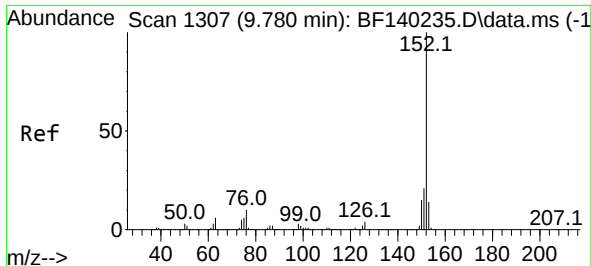
Delta R.T. -0.006 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

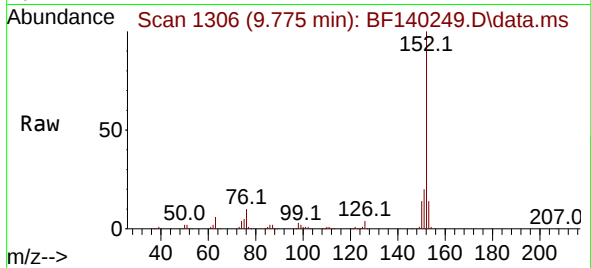
Tgt Ion:	65	Resp:	65583
Ion Ratio	Lower	Upper	
65	100		
92	65.8	51.6	77.4
138	95.0	73.0	109.6





#49
Acenaphthylene
Concen: 9.160 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

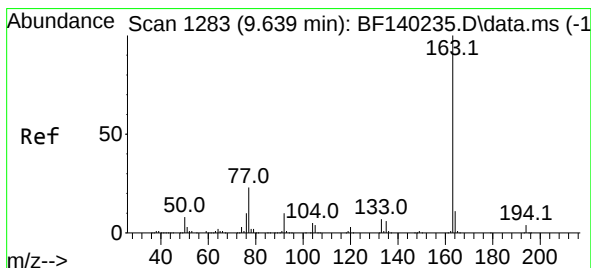
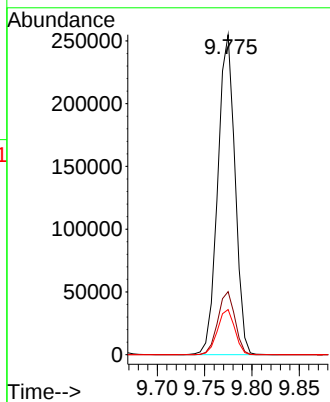
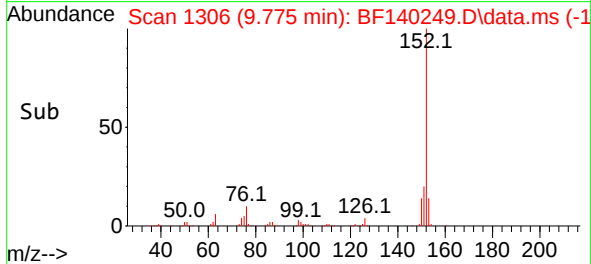
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:152 Resp: 323309
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 14.1 11.1 16.7

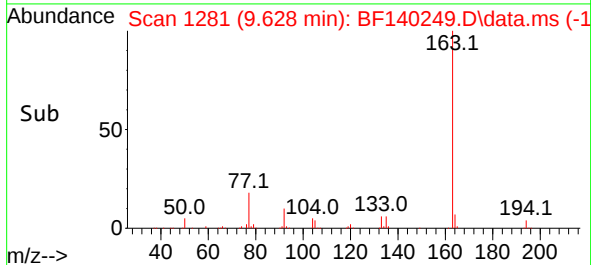
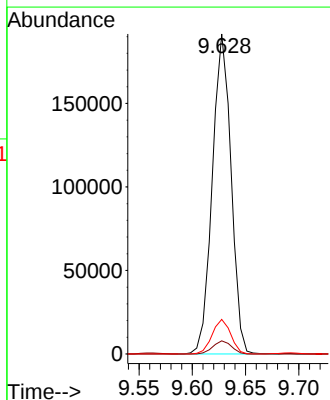
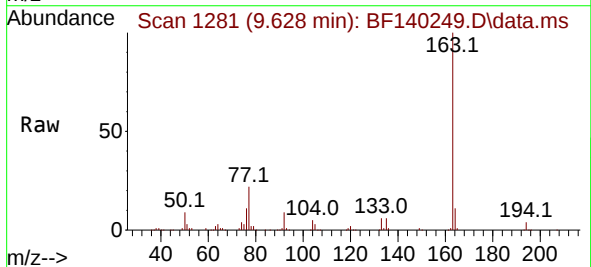
Manual Integrations
APPROVED

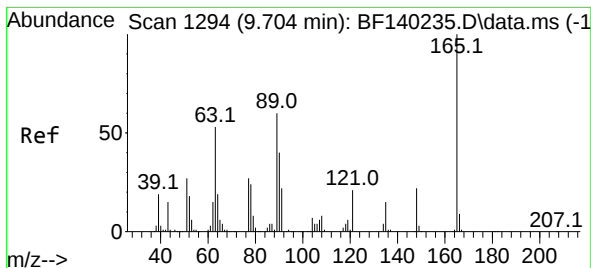
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#50
Dimethylphthalate
Concen: 8.291 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:163 Resp: 233981
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.8 8.6 13.0





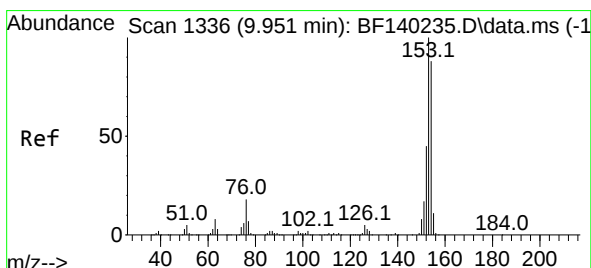
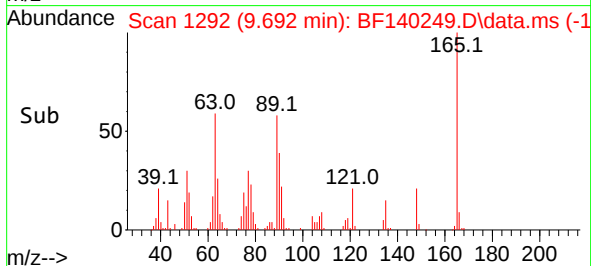
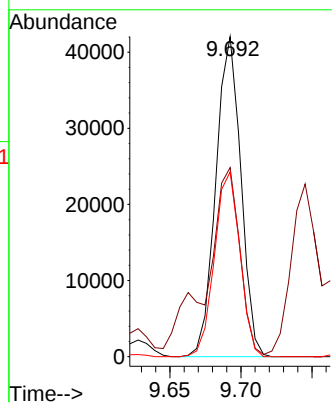
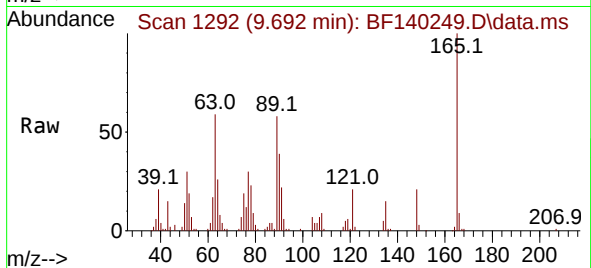
#51
2,6-Dinitrotoluene
Concen: 7.763 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:165 Resp: 51500
Ion Ratio Lower Upper
165 100
63 59.1 48.8 73.2
89 57.7 48.1 72.1

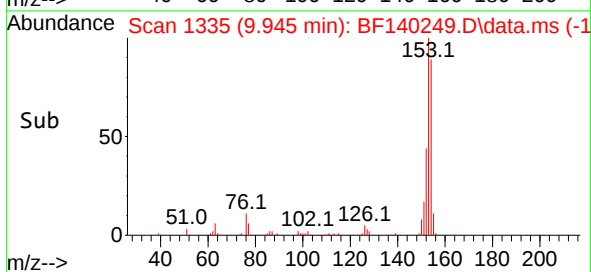
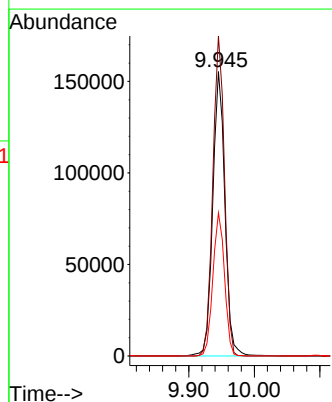
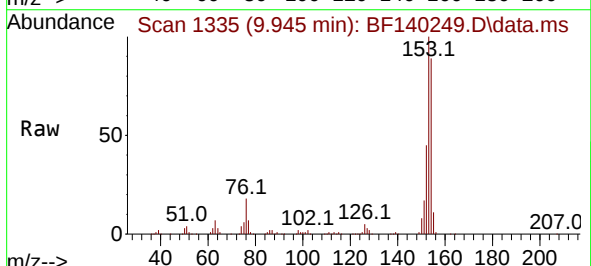
Manual Integrations
APPROVED

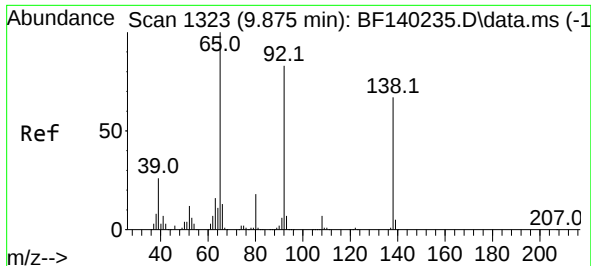
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#52
Acenaphthene
Concen: 7.989 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:154 Resp: 199995
Ion Ratio Lower Upper
154 100
153 112.6 91.3 136.9
152 50.3 41.4 62.2





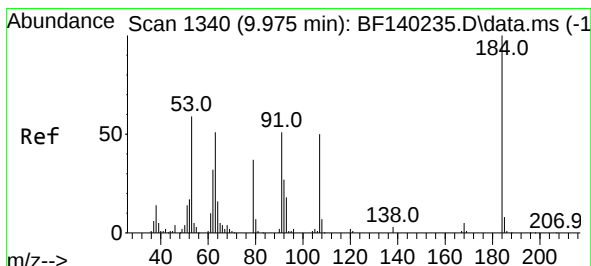
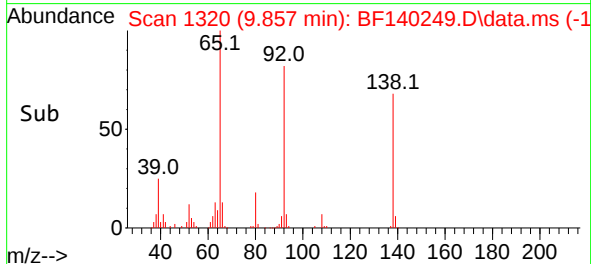
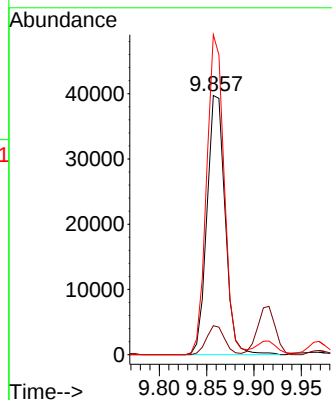
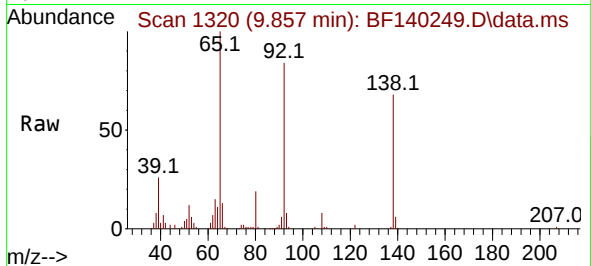
#53
3-Nitroaniline
Concen: 8.511 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:138 Resp: 53164
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 123.5 100.0 150.0

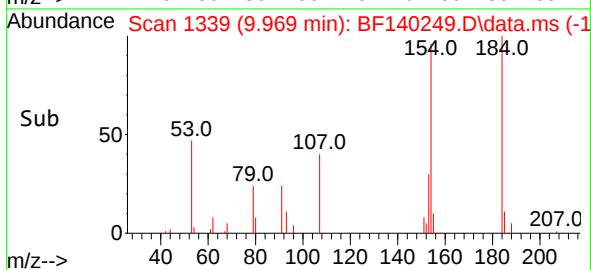
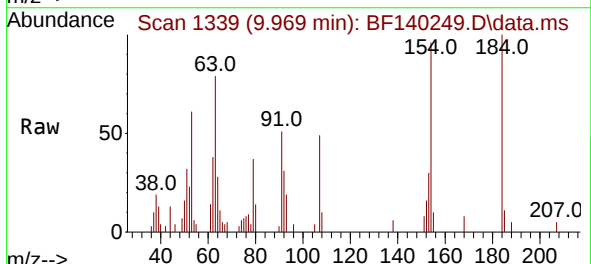
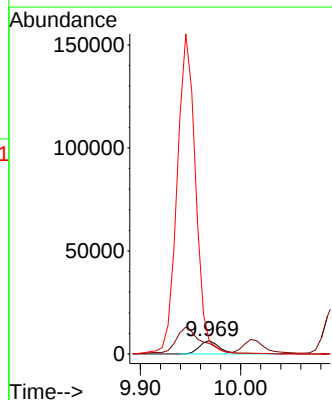
Manual Integrations
APPROVED

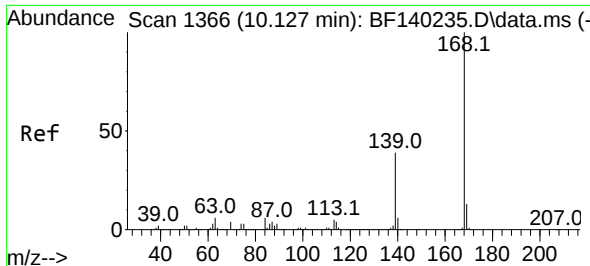
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#54
2,4-Dinitrophenol
Concen: 3.397 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

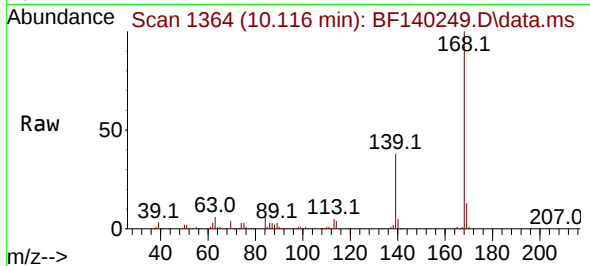
Tgt Ion:184 Resp: 9307
Ion Ratio Lower Upper
184 100
63 79.2 60.1 90.1
154 96.4 66.3 99.5





#55
Dibenzofuran
Concen: 8.570 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

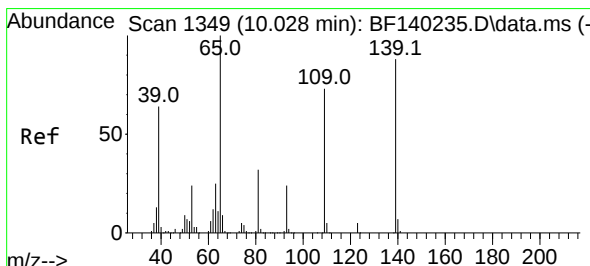
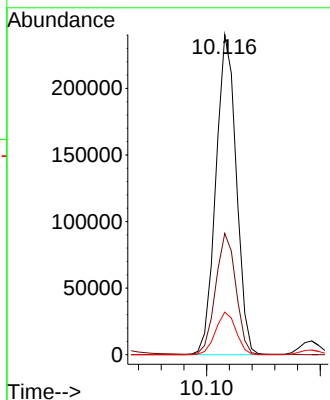
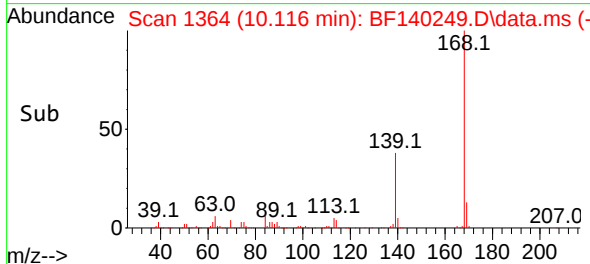
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:168 Resp: 30002
Ion Ratio Lower Upper
168 100
139 37.9 31.5 47.3
169 13.3 10.6 15.8

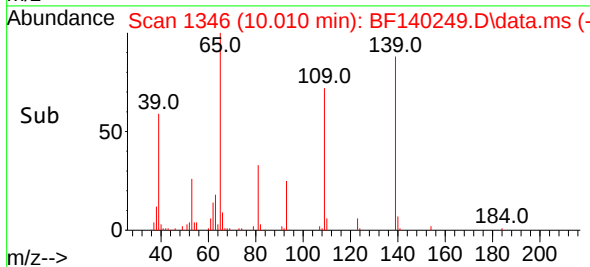
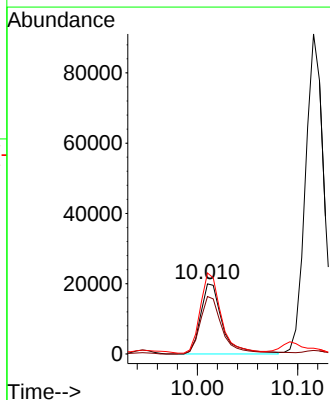
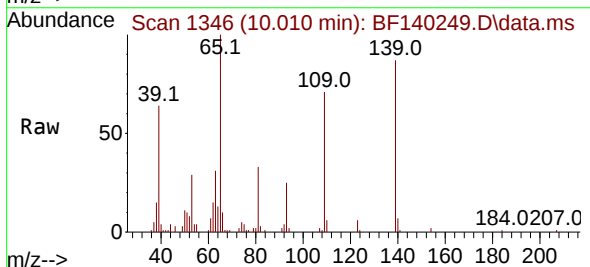
Manual Integrations
APPROVED

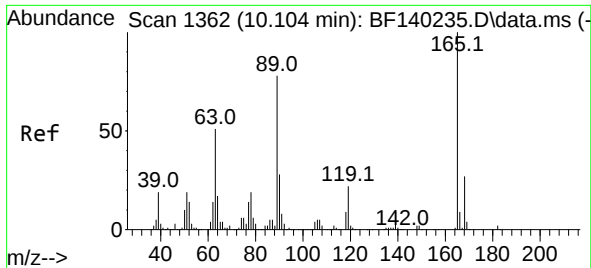
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#56
4-Nitrophenol
Concen: 6.898 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.018 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:139 Resp: 30299
Ion Ratio Lower Upper
139 100
109 82.1 63.8 103.8
65 115.6 94.7 134.7





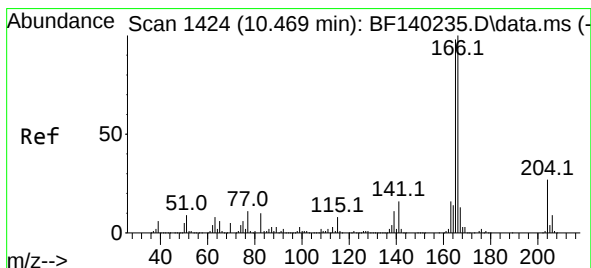
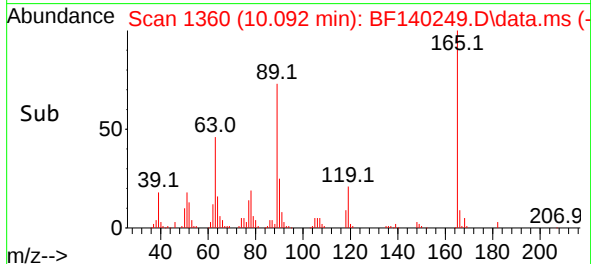
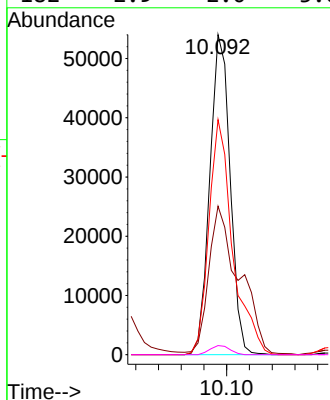
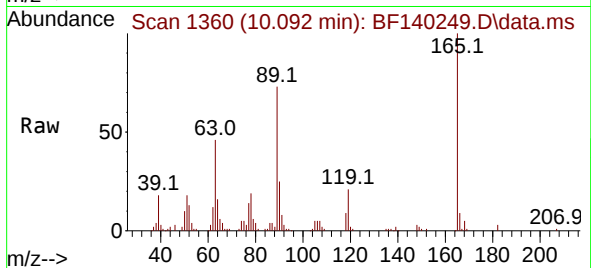
#57
2,4-Dinitrotoluene
Concen: 7.796 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:165 Resp: 67110
Ion Ratio Lower Upper
165 100
63 46.4 41.3 61.9
89 73.4 62.6 94.0
182 2.9 2.0 3.0

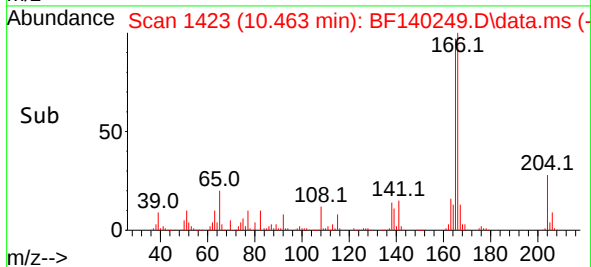
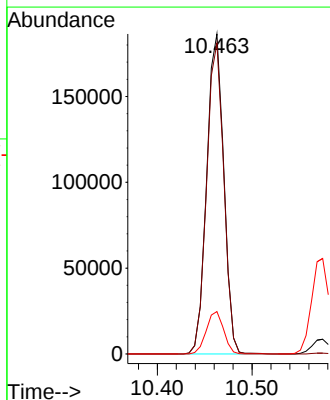
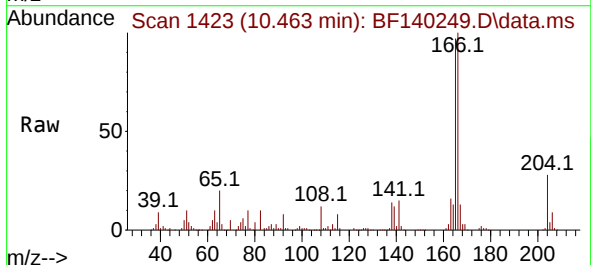
Manual Integrations
APPROVED

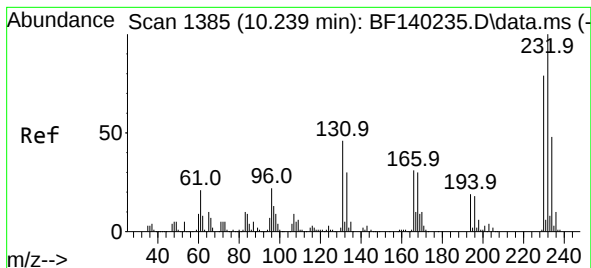
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#58
Fluorene
Concen: 8.366 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

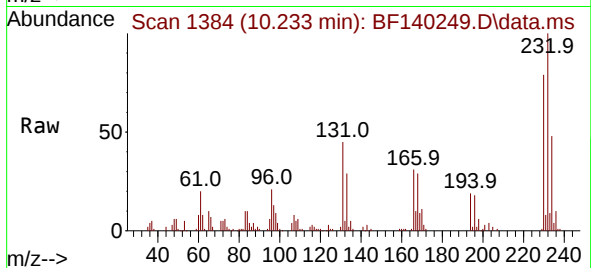
Tgt Ion:166 Resp: 233131
Ion Ratio Lower Upper
166 100
165 97.1 78.7 118.1
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.054 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

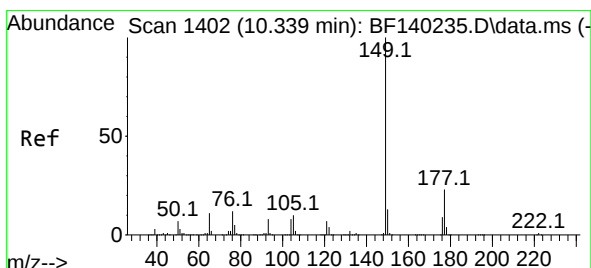
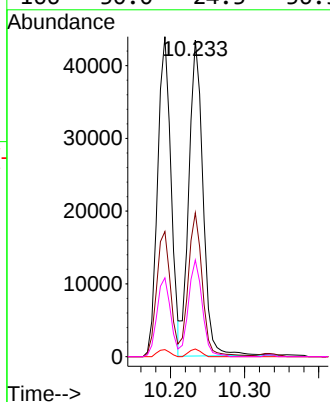
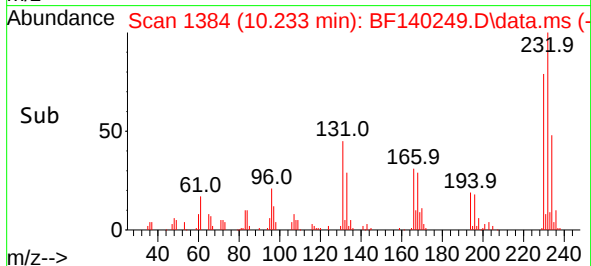
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:232 Resp: 57674
Ion Ratio Lower Upper
232 100
131 45.4 37.2 55.8
130 2.1 1.8 2.8
166 30.0 24.3 36.5

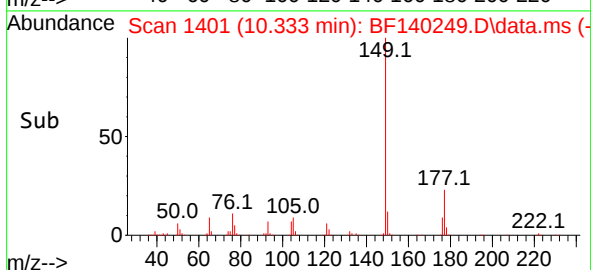
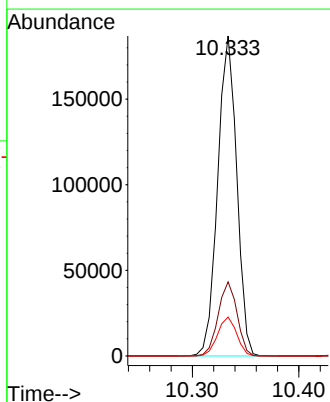
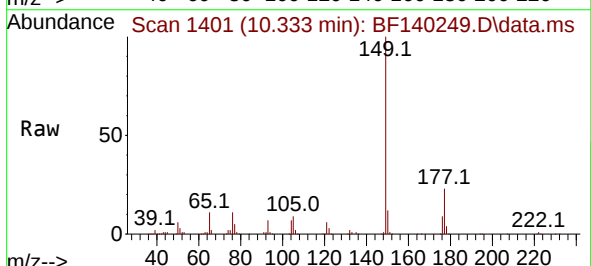
Manual Integrations
APPROVED

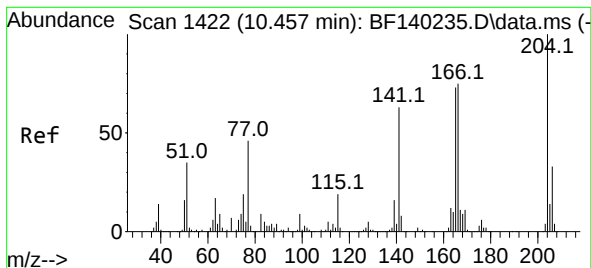
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#60
Diethylphthalate
Concen: 8.248 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:149 Resp: 231315
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.1 10.2 15.4





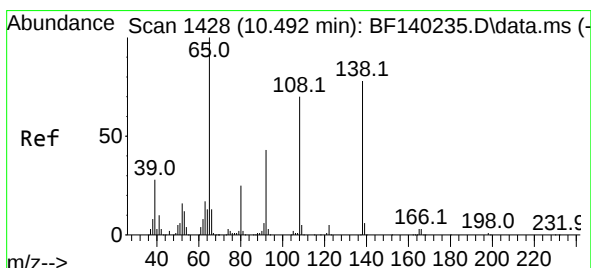
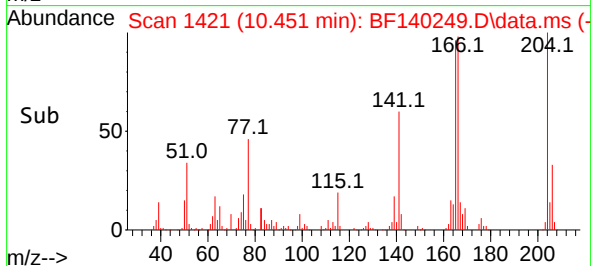
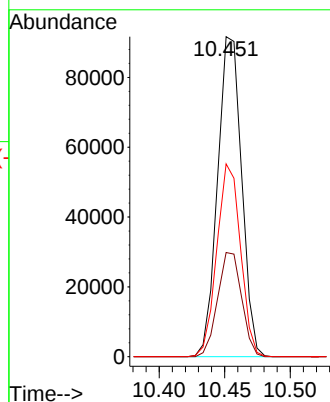
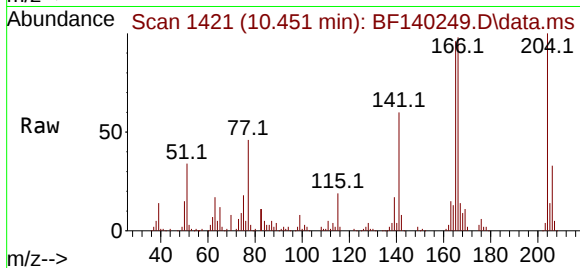
#61
4-Chlorophenyl-phenylether
Concen: 8.336 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:204 Resp: 117068
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 60.3 50.3 75.5

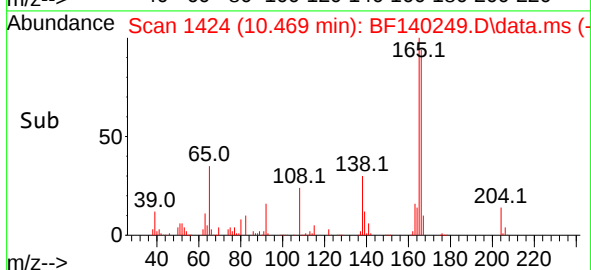
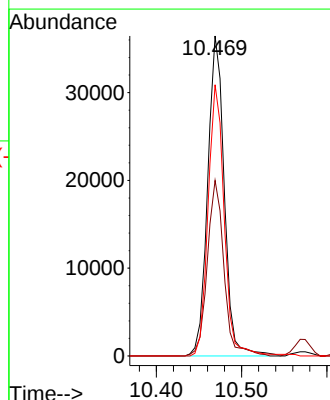
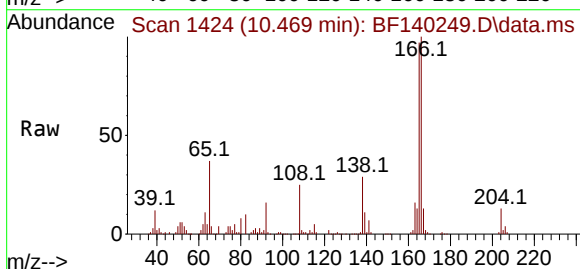
Manual Integrations
APPROVED

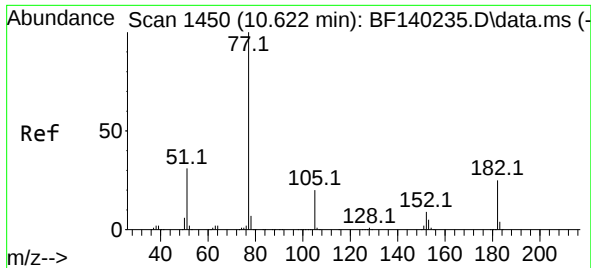
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#62
4-Nitroaniline
Concen: 7.959 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.023 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

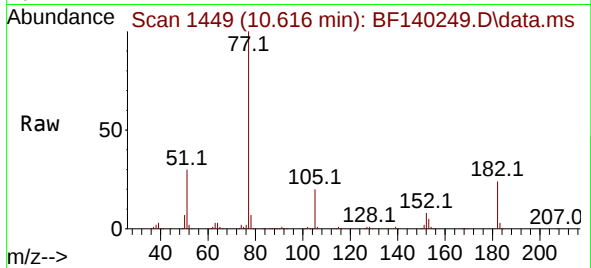
Tgt Ion:138 Resp: 49407
Ion Ratio Lower Upper
138 100
92 54.8 35.3 75.3
108 84.7 70.1 110.1





#63
Azobenzene
Concen: 8.368 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

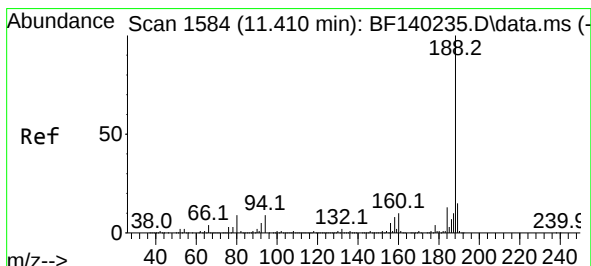
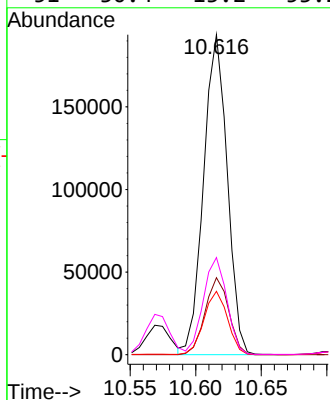
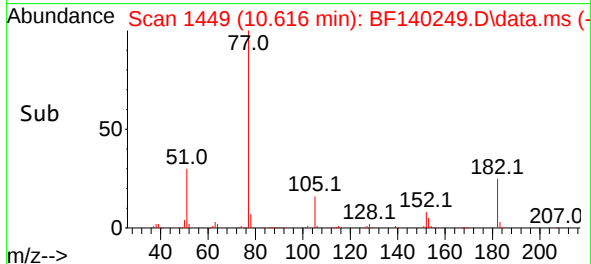
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 243272
Ion Ratio Lower Upper
77 100
182 24.1 4.7 44.7
105 19.8 0.0 40.0
51 30.4 13.2 53.2

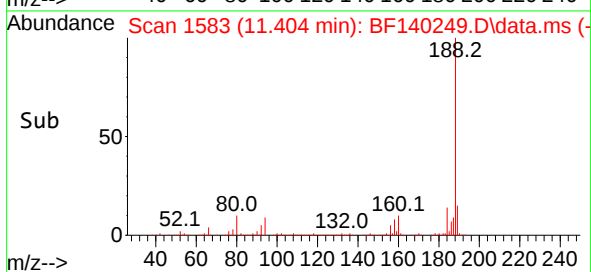
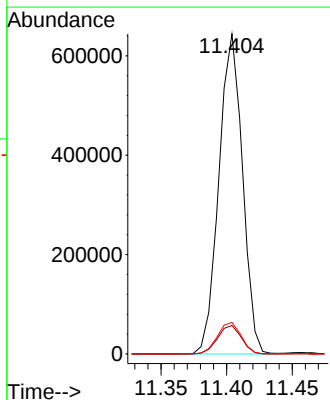
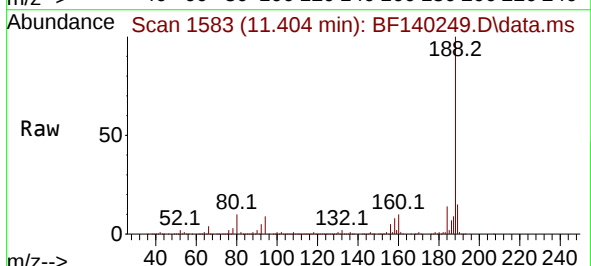
Manual Integrations
APPROVED

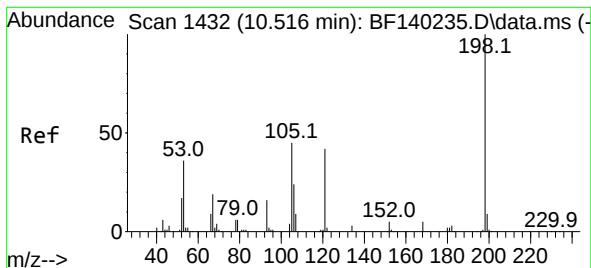
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

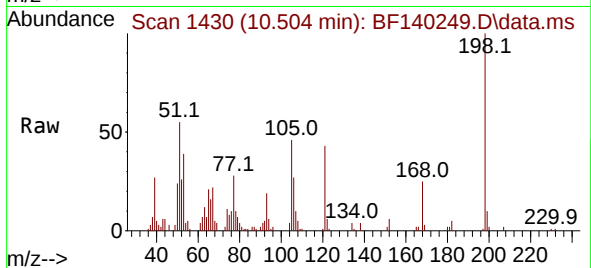
Tgt Ion:188 Resp: 806563
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.8 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 5.299 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

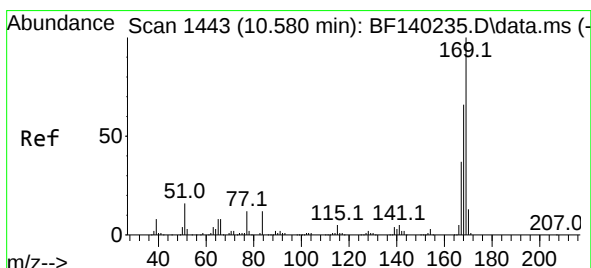
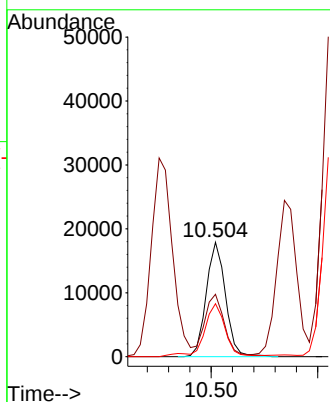
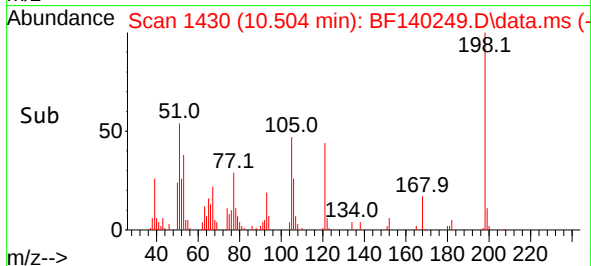
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



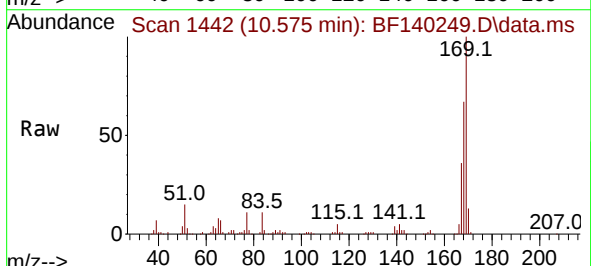
Tgt Ion:198 Resp: 22440
Ion Ratio Lower Upper
198 100
51 54.6 34.0 74.0
105 46.3 25.1 65.1

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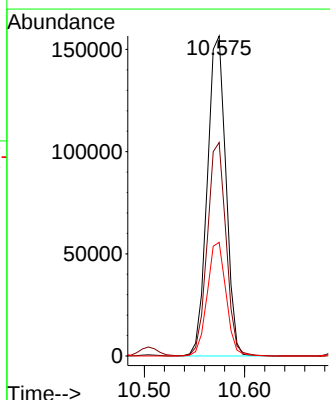
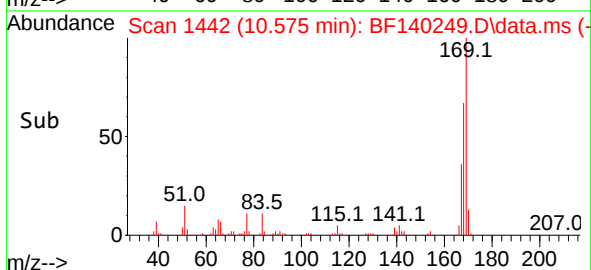
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

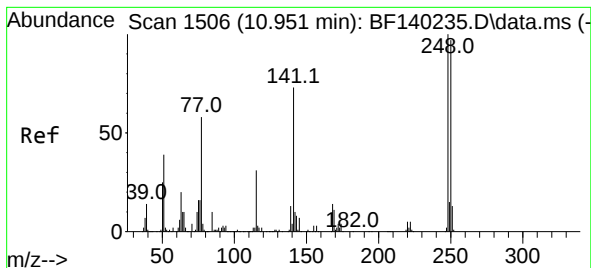


#66
n-Nitrosodiphenylamine
Concen: 8.710 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



Tgt Ion:169 Resp: 202063
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.5 29.4 44.2





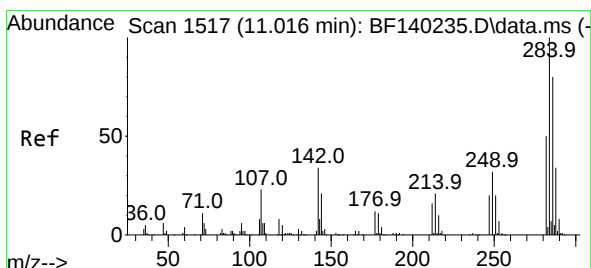
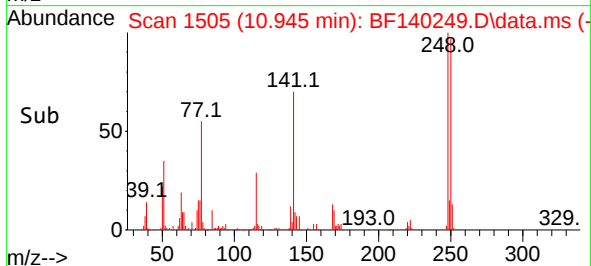
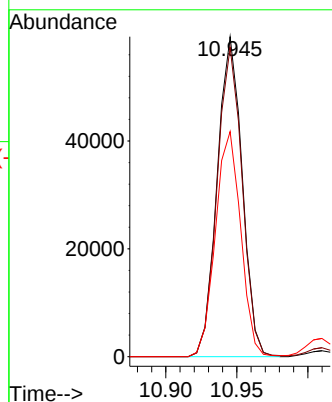
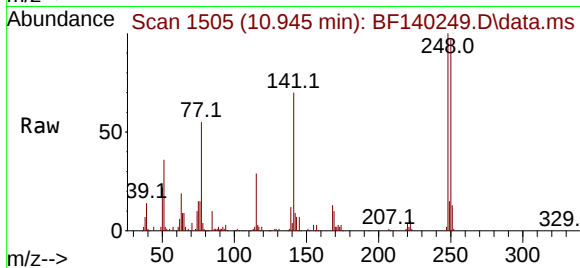
#67
4-Bromophenyl-phenylether
Concen: 8.352 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:248 Resp: 72538
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 70.3 58.6 88.0

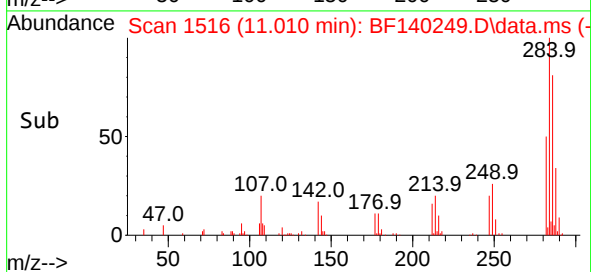
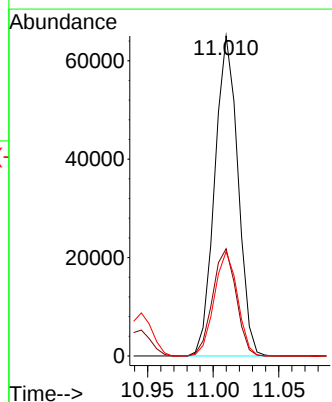
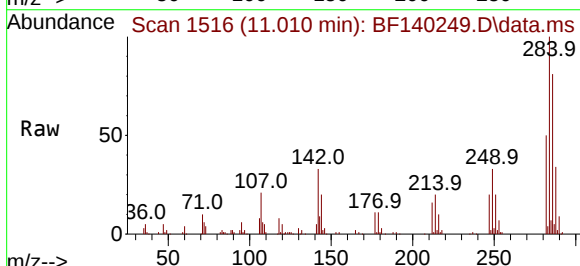
Manual Integrations
APPROVED

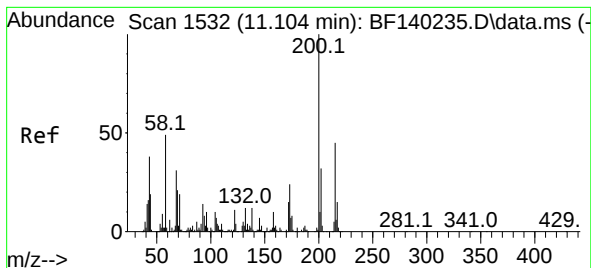
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#68
Hexachlorobenzene
Concen: 8.079 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:284 Resp: 79986
Ion Ratio Lower Upper
284 100
142 33.5 27.5 41.3
249 32.6 26.2 39.2





#69

Atrazine

Concen: 10.694 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140249.D

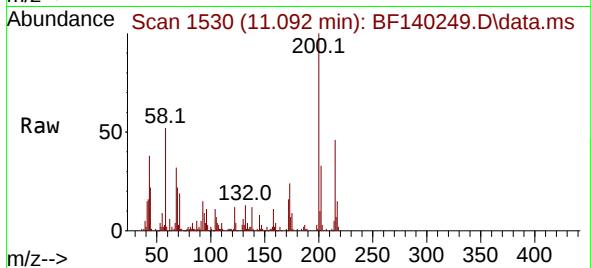
Acq: 05 Nov 2024 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



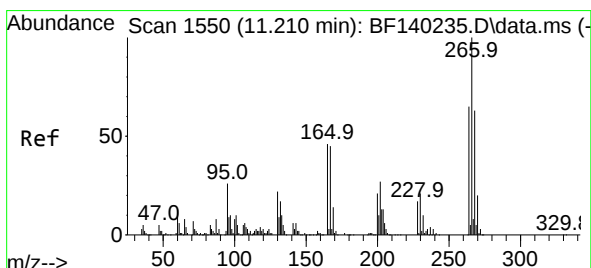
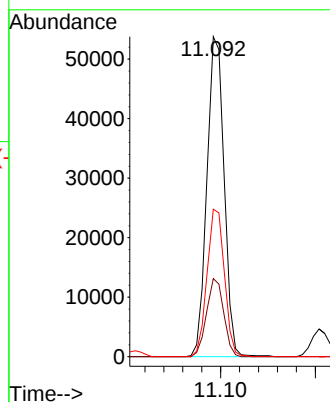
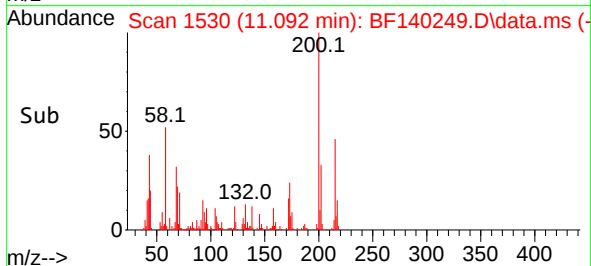
Tgt Ion:200	Resp:	6787
Ion Ratio	Lower	Upper
200	100	
173	24.4	4.4 44.4
215	46.1	25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#70

Pentachlorophenol

Concen: 6.060 ng

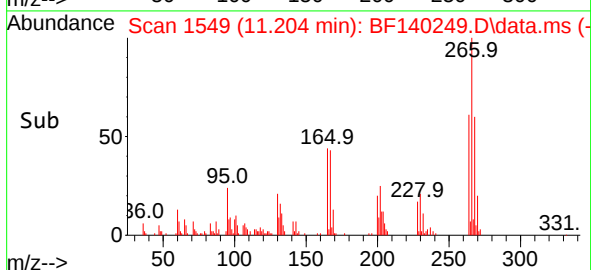
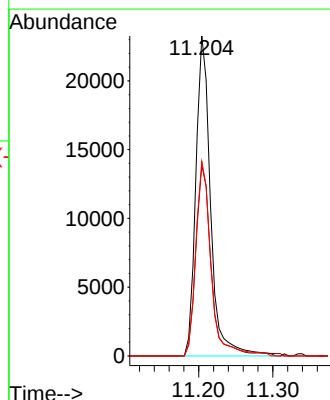
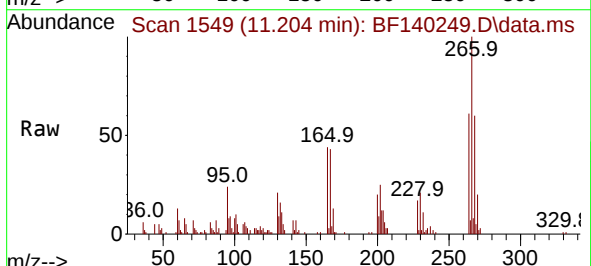
RT: 11.204 min Scan# 1549

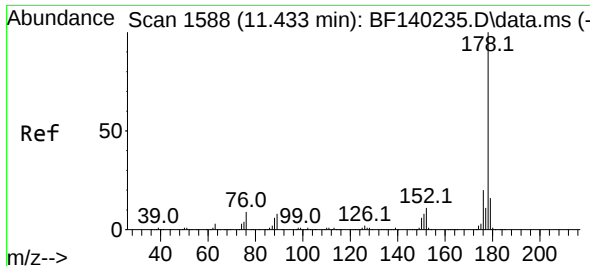
Delta R.T. -0.006 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Tgt Ion:266	Resp:	32218
Ion Ratio	Lower	Upper
266	100	
268	59.7	50.2 75.4
264	60.9	52.2 78.4





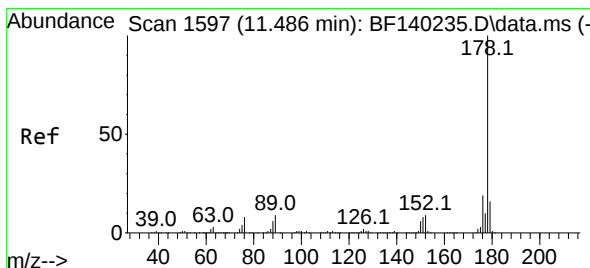
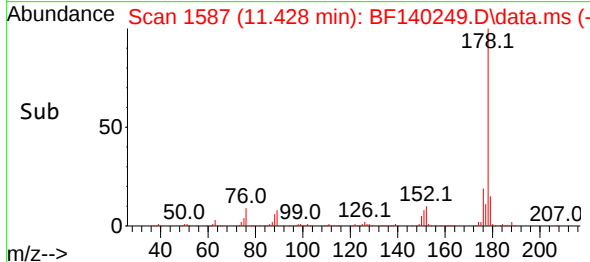
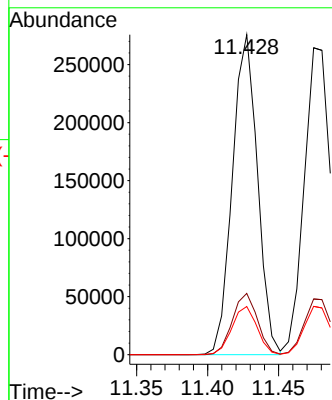
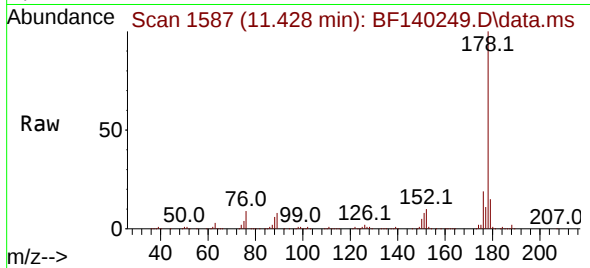
#71
Phenanthrene
Concen: 8.798 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:178 Resp: 33864
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.1 12.6 18.8

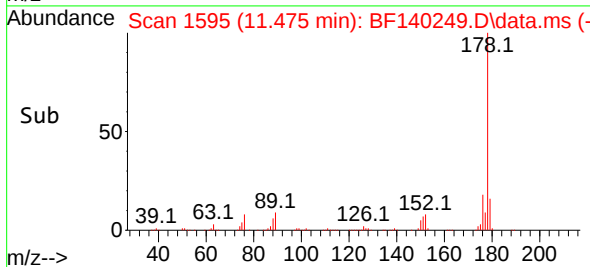
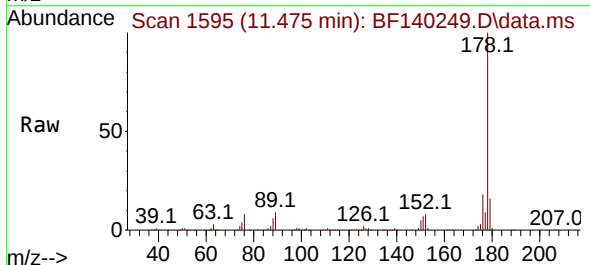
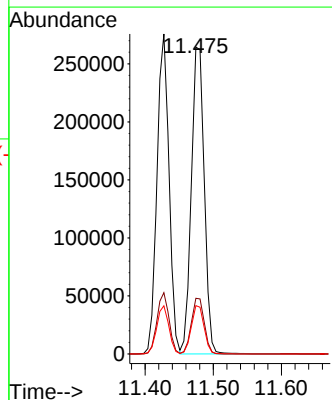
Manual Integrations
APPROVED

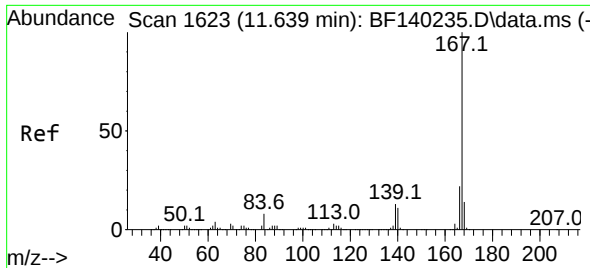
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#72
Anthracene
Concen: 9.173 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

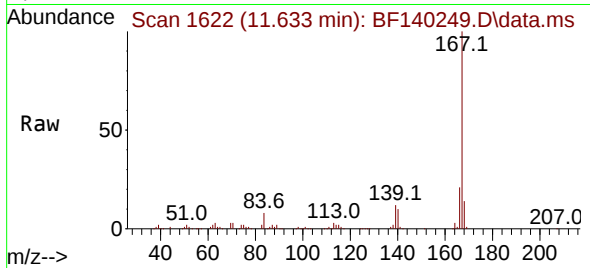
Tgt Ion:178 Resp: 346243
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.0
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 8.446 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140249.D
 Acq: 05 Nov 2024 20:34

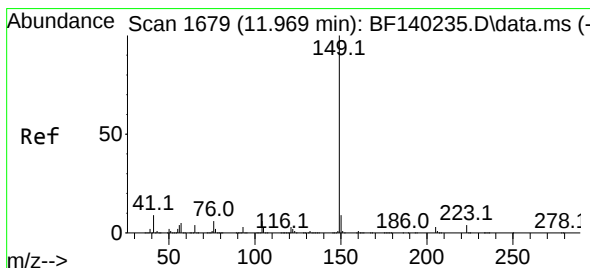
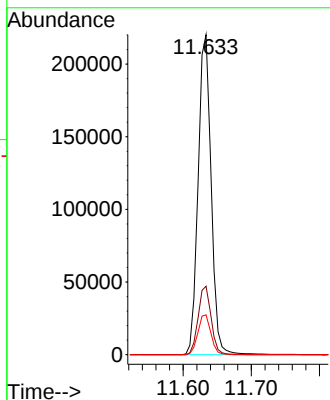
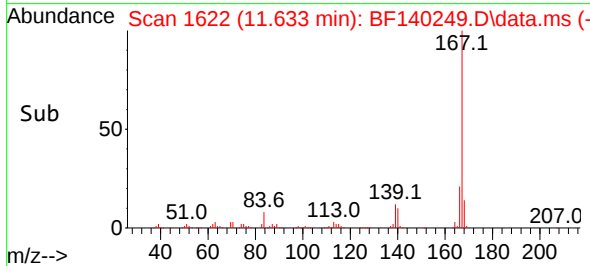
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT4-2024



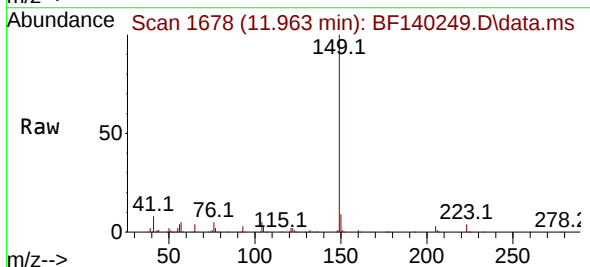
Tgt Ion:167 Resp: 291290
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.4 10.7 16.1

Manual Integrations
 APPROVED

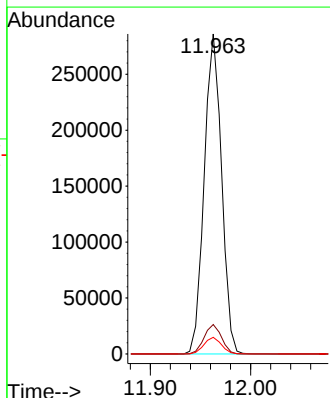
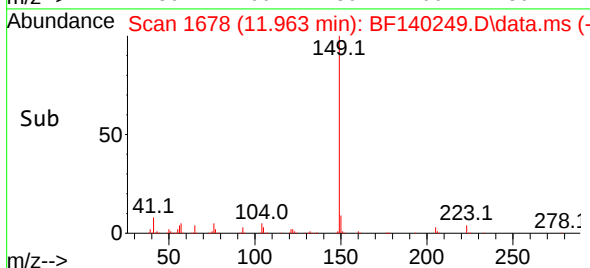
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

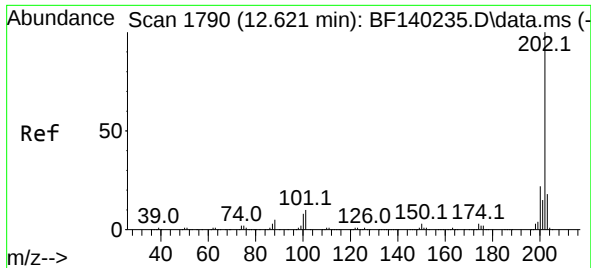


#74
 Di-n-butylphthalate
 Concen: 8.442 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. -0.006 min
 Lab File: BF140249.D
 Acq: 05 Nov 2024 20:34



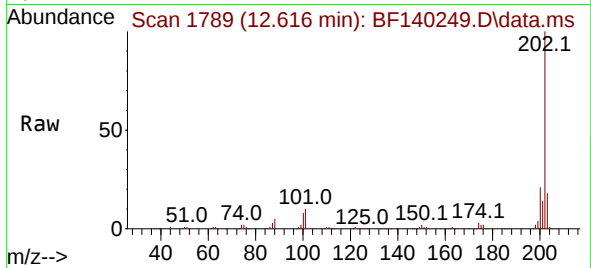
Tgt Ion:149 Resp: 344632
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 4.5 6.7





#75
Fluoranthene
Concen: 8.417 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

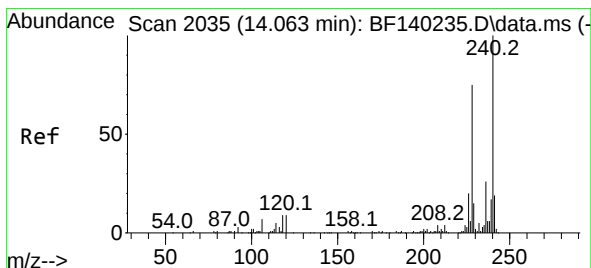
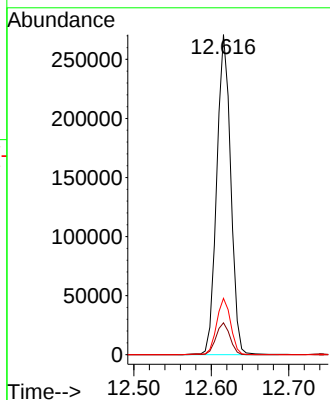
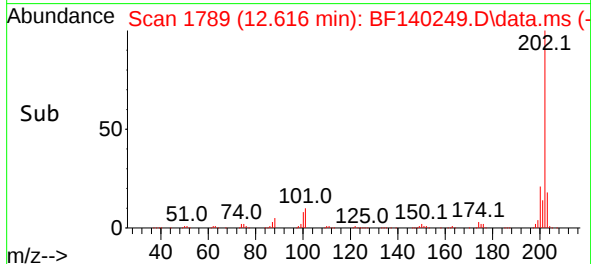
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



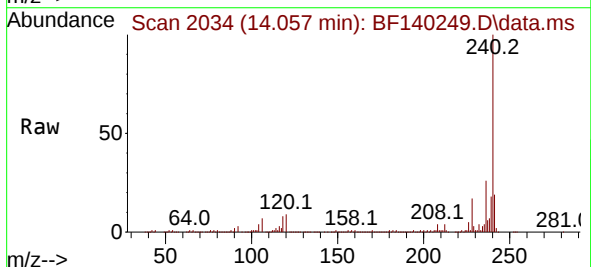
Tgt Ion:202 Resp: 338760
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.4
203 17.6 0.0 38.0

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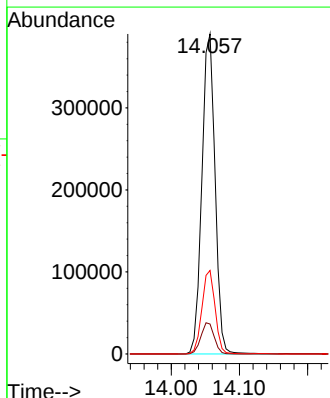
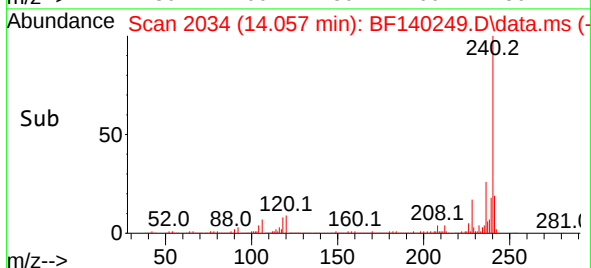
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

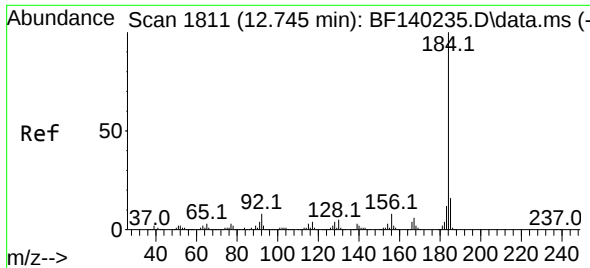


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



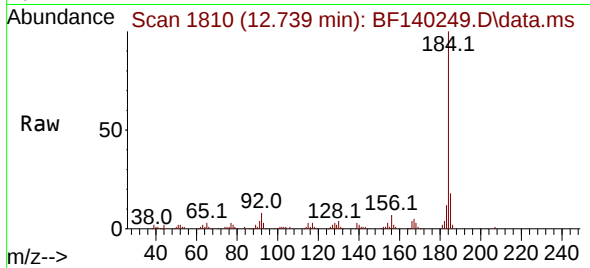
Tgt Ion:240 Resp: 525196
Ion Ratio Lower Upper
240 100
120 9.3 7.5 11.3
236 26.1 20.9 31.3





#77
Benzidine
Concen: 9.874 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

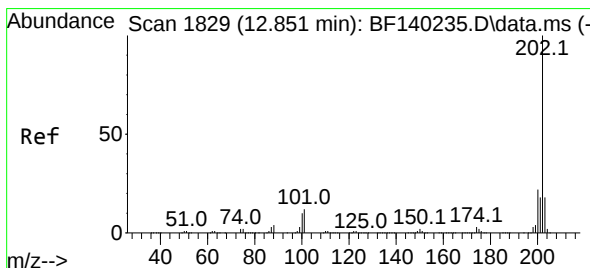
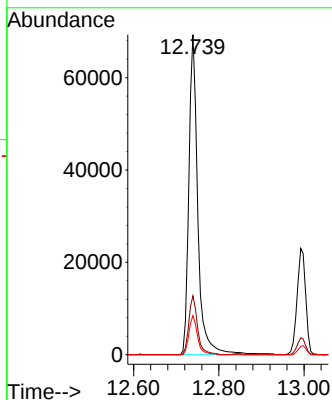
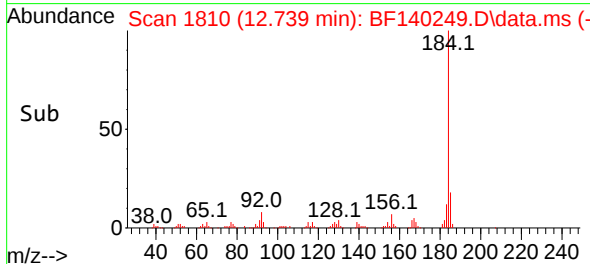
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



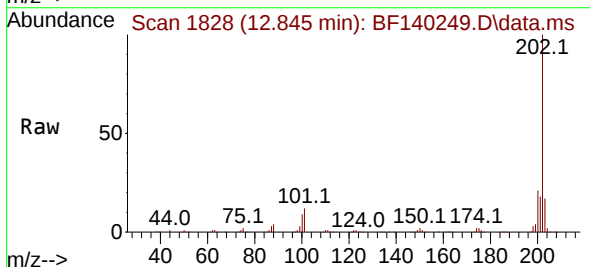
Tgt Ion:184 Resp: 10138
Ion Ratio Lower Upper
184 100
185 18.4 12.5 18.7
183 12.2 9.3 13.9

Manual Integrations
APPROVED

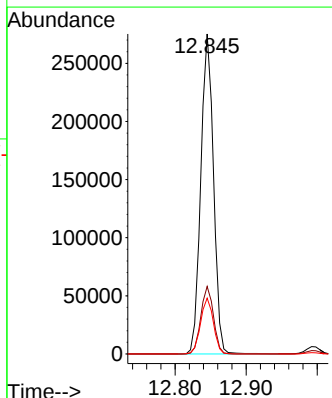
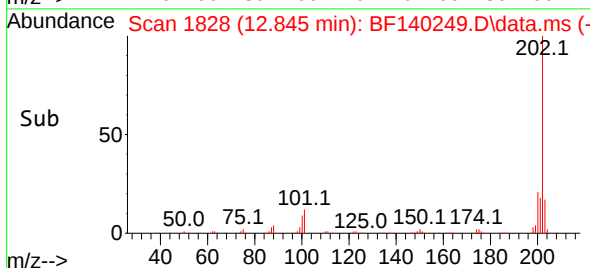
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

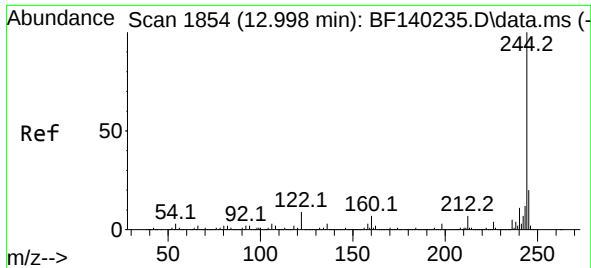


#78
Pyrene
Concen: 7.918 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



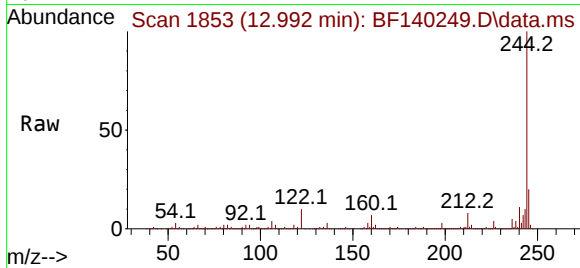
Tgt Ion:202 Resp: 343367
Ion Ratio Lower Upper
202 100
200 21.1 17.5 26.3
203 17.4 14.4 21.6





#79
 Terphenyl-d14
 Concen: 74.089 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140249.D
 Acq: 05 Nov 2024 20:34

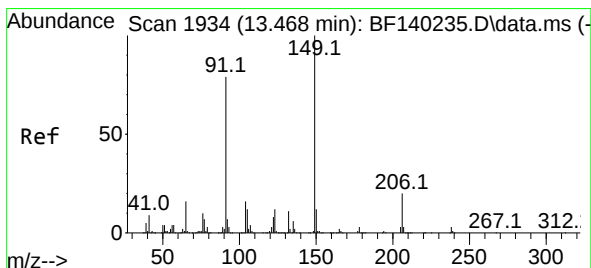
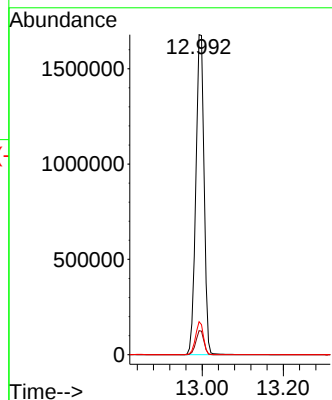
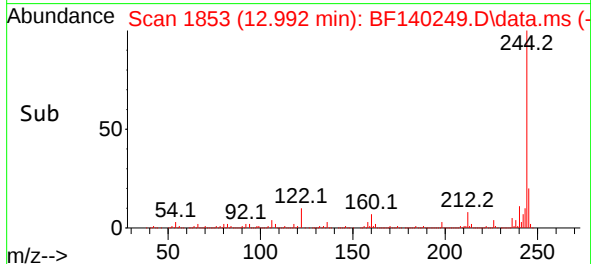
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion:244 Resp: 2375362
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.3 7.6 11.4

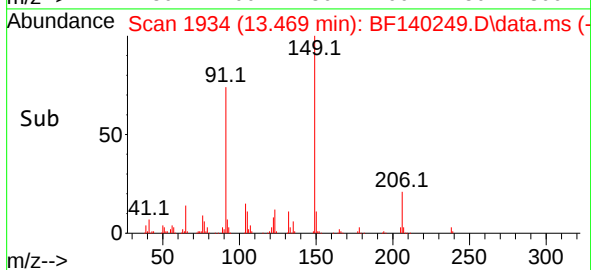
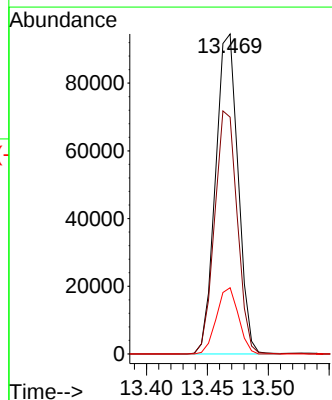
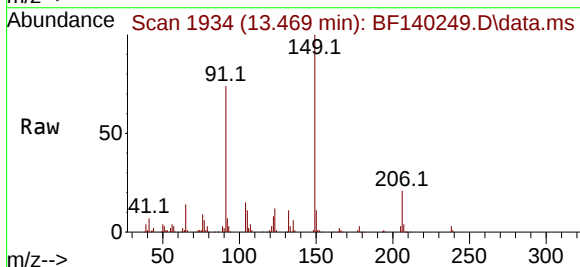
Manual Integrations
 APPROVED

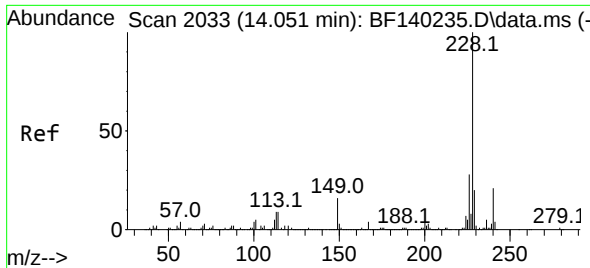
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024



#80
 Butylbenzylphthalate
 Concen: 7.811 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: BF140249.D
 Acq: 05 Nov 2024 20:34

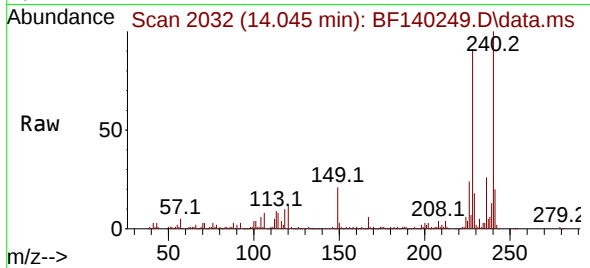
Tgt Ion:149 Resp: 121962
 Ion Ratio Lower Upper
 149 100
 91 74.0 63.0 94.4
 206 20.7 16.4 24.6





#81
Benzo(a)anthracene
Concen: 8.377 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

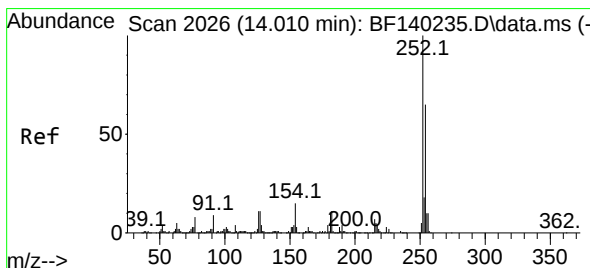
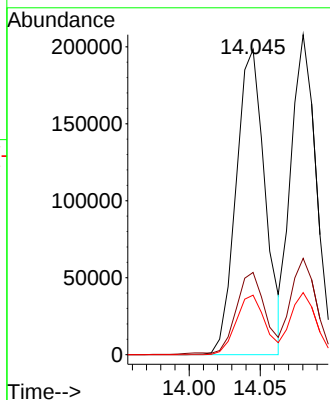
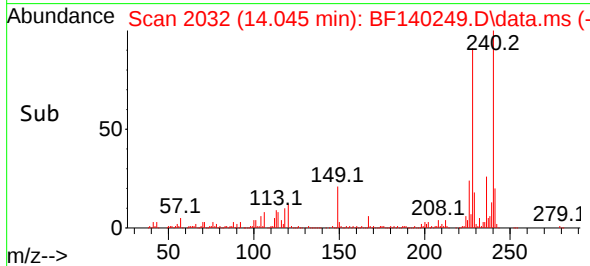
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:228 Resp: 282328
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.5 16.1 24.1

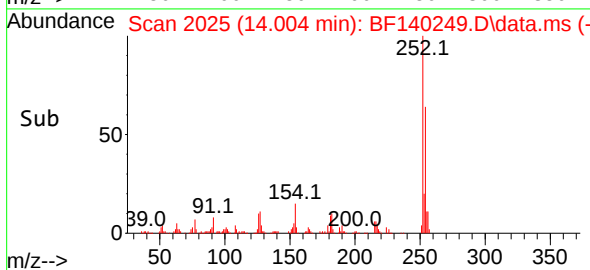
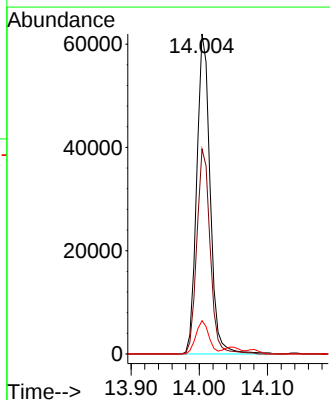
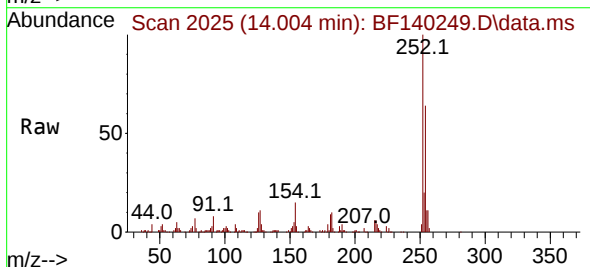
Manual Integrations
APPROVED

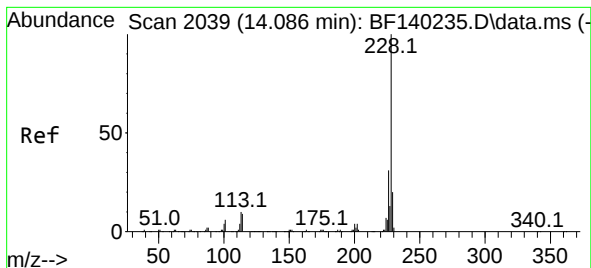
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 7.969 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

Tgt Ion:252 Resp: 84350
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 10.4 8.6 12.8





#83

Chrysene

Concen: 8.167 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:228 Resp: 257769

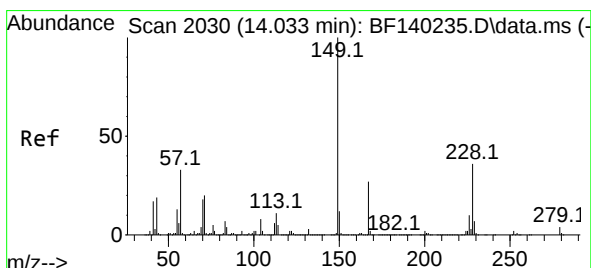
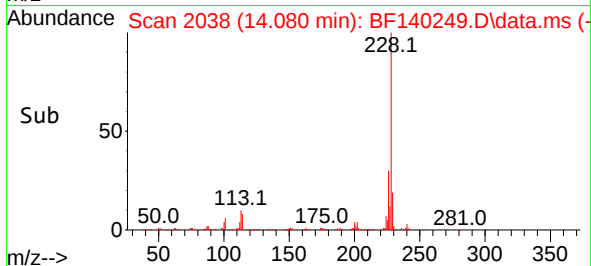
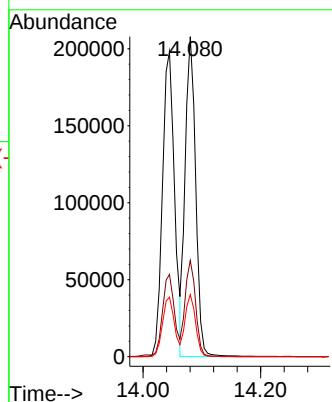
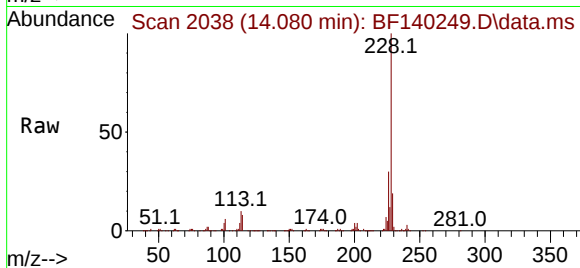
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.4	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.920 ng

RT: 14.033 min Scan# 2030

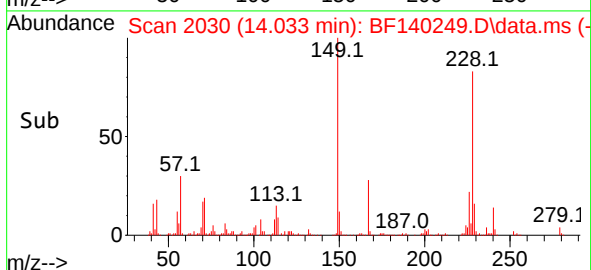
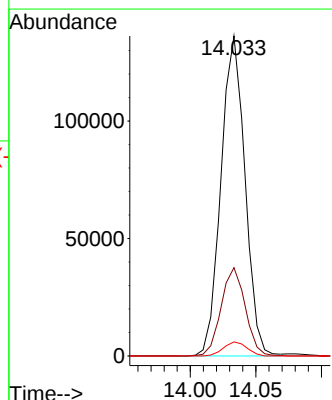
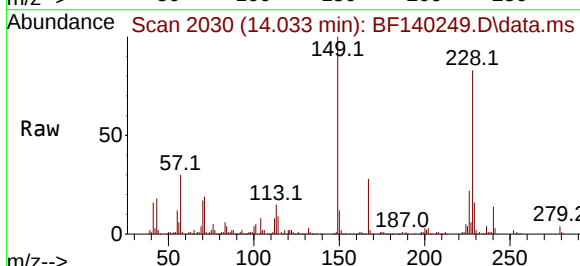
Delta R.T. 0.000 min

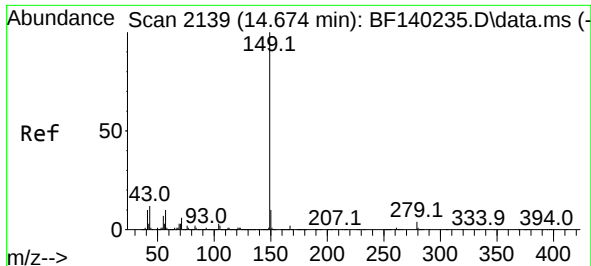
Lab File: BF140249.D

Acq: 05 Nov 2024 20:34

Tgt Ion:149 Resp: 173319

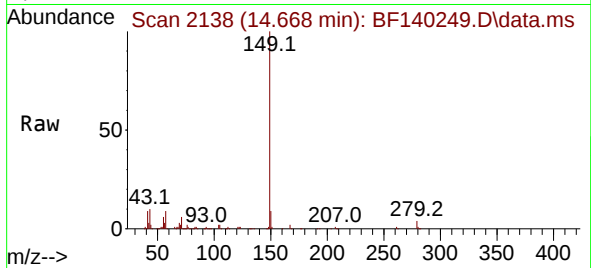
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	4.4	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 7.834 ng
RT: 14.668 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

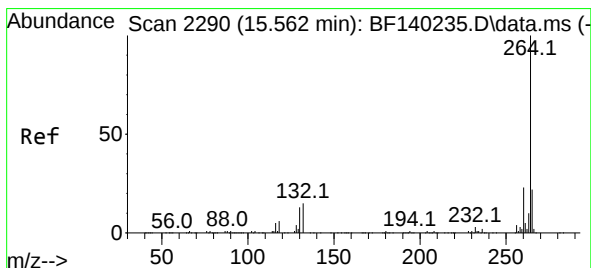
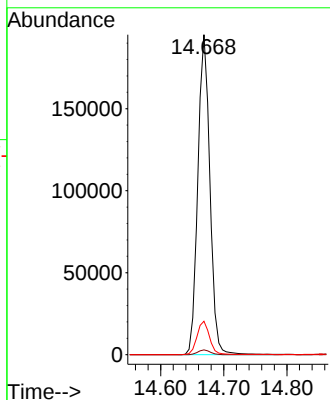
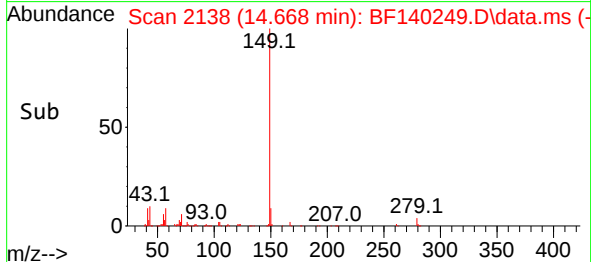
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:149 Resp: 258040
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.0 9.7 14.5

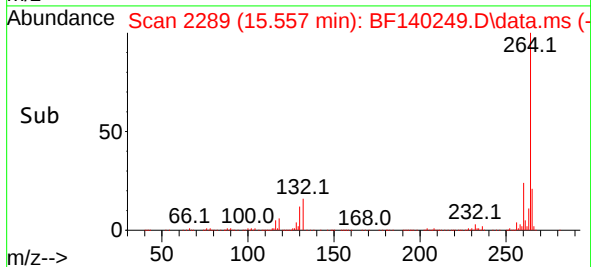
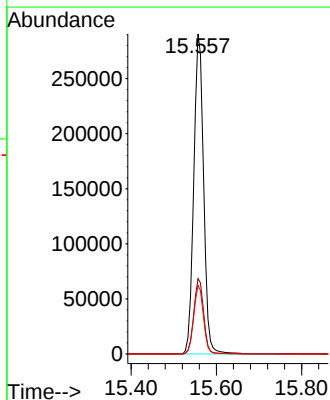
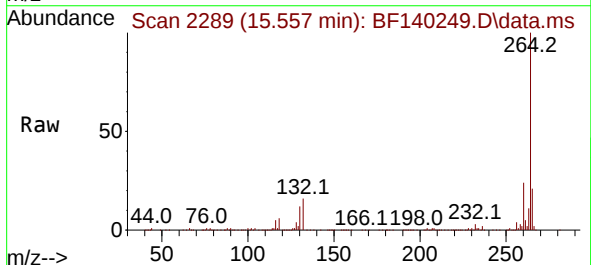
Manual Integrations
APPROVED

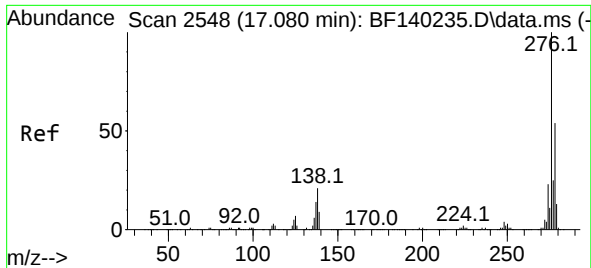
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

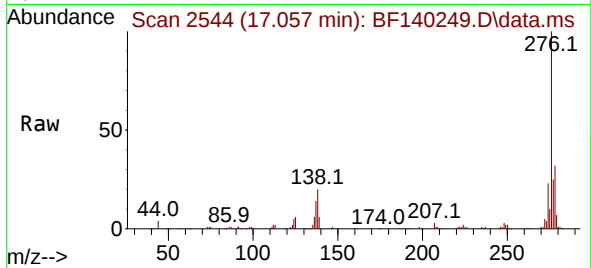
Tgt Ion:264 Resp: 466962
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.5 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.476 ng
RT: 17.057 min Scan# 2114
Delta R.T. -0.023 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

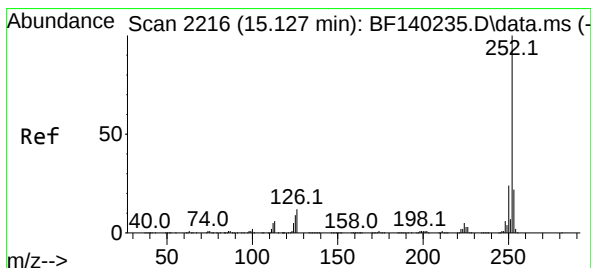
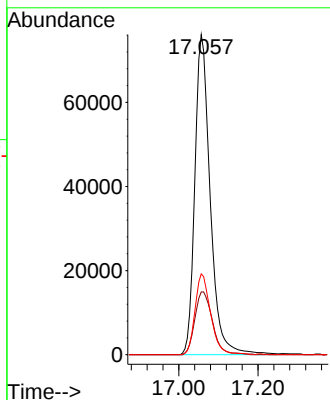
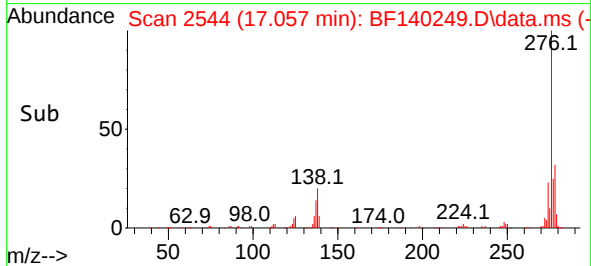
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



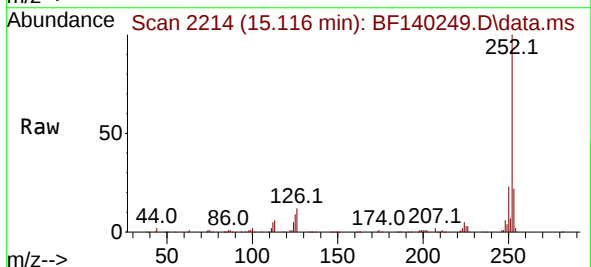
Tgt Ion:276 Resp: 204919
Ion Ratio Lower Upper
276 100
138 22.5 17.6 26.4
277 25.7 20.2 30.2

Manual Integrations
APPROVED

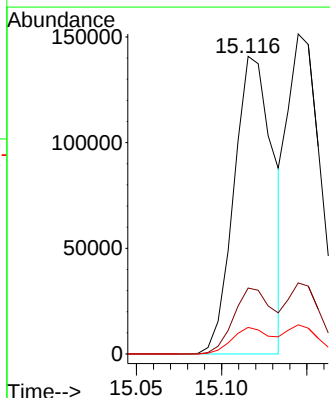
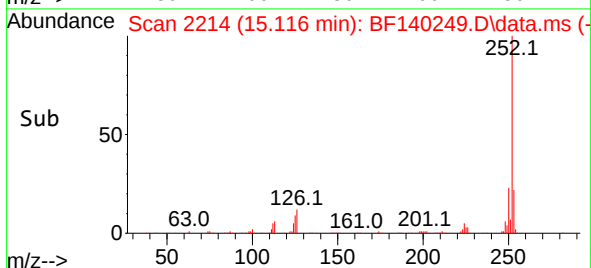
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

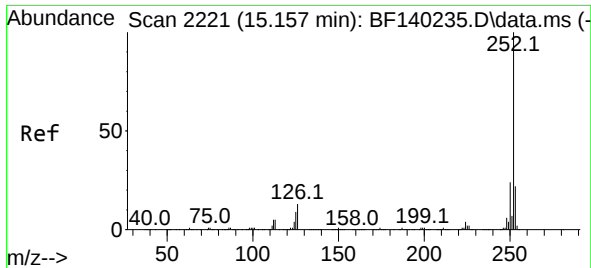


#88
Benzo(b)fluoranthene
Concen: 7.966 ng
RT: 15.116 min Scan# 2214
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



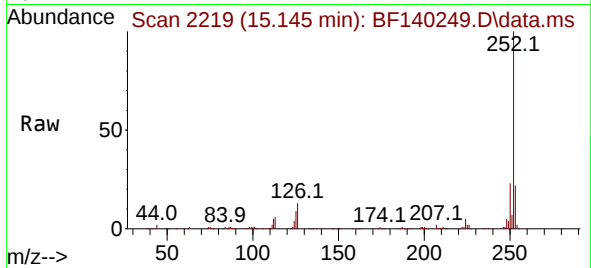
Tgt Ion:252 Resp: 224995
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.9 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 8.136 ng
RT: 15.145 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

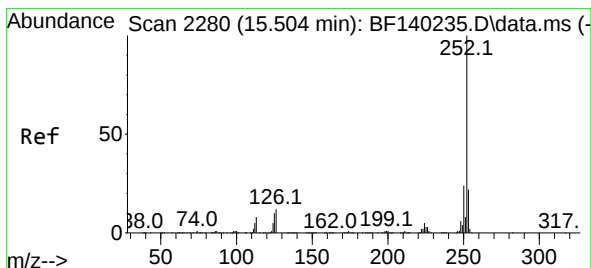
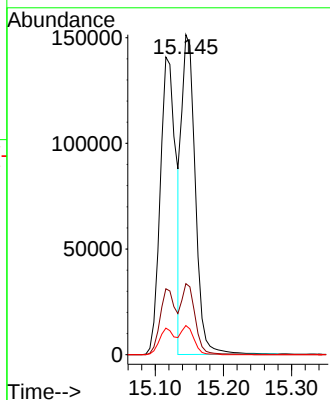
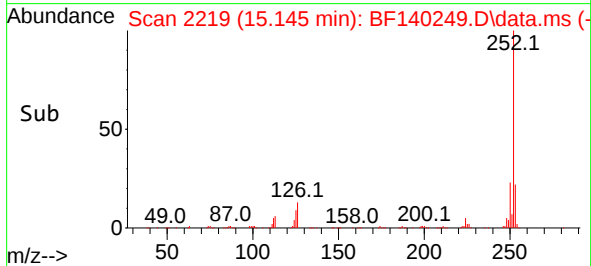
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 210860
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.1 7.2 10.8

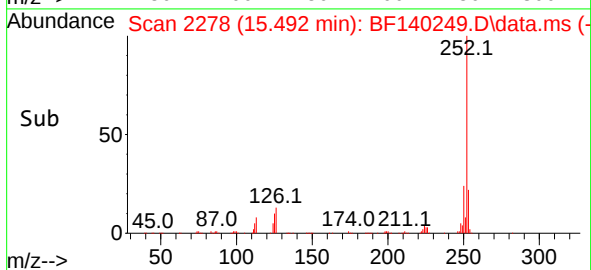
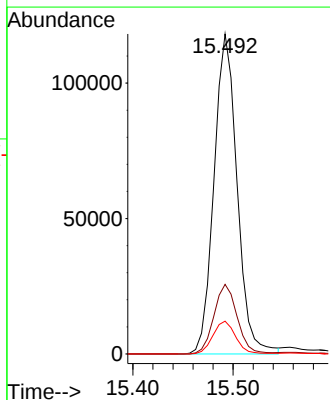
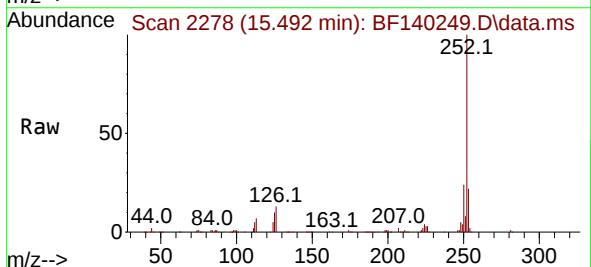
Manual Integrations
APPROVED

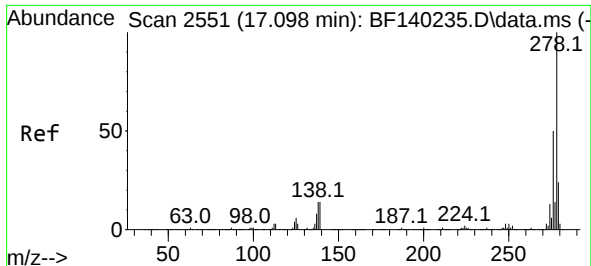
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#90
Benzo(a)pyrene
Concen: 8.124 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

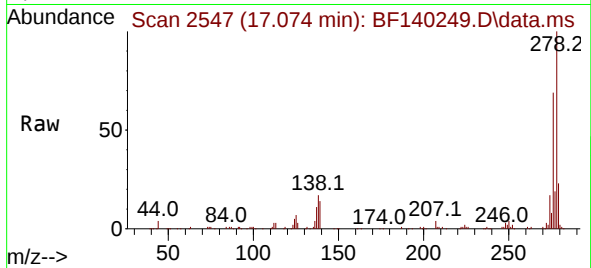
Tgt Ion:252 Resp: 189187
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.3 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 7.384 ng
RT: 17.074 min Scan# 2547
Delta R.T. -0.023 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34

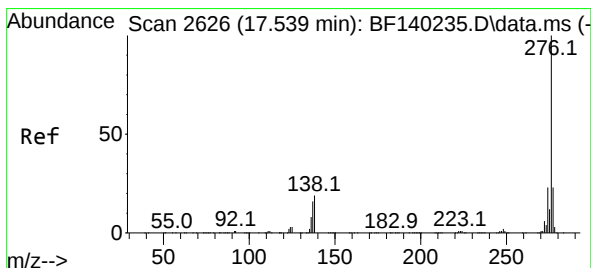
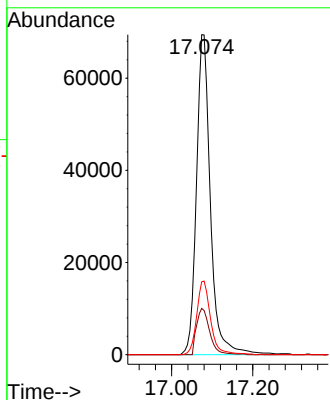
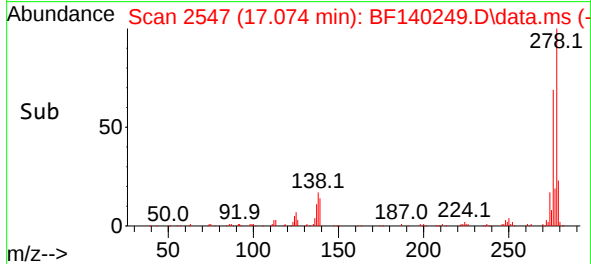
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



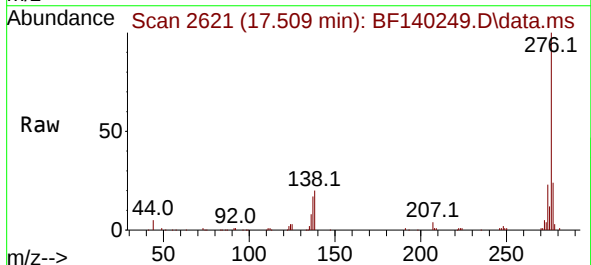
Tgt Ion:278 Resp: 166519
Ion Ratio Lower Upper
278 100
139 14.5 11.1 16.7
279 22.8 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 6.791 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.029 min
Lab File: BF140249.D
Acq: 05 Nov 2024 20:34



Tgt Ion:276 Resp: 156234
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 20.2 15.3 22.9

