

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140248.D
 Acq On : 05 Nov 2024 20:07
 Operator : RC/JU
 Sample : P4368-07
 Misc : LOD-MDL-WATER-4 PPM
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 05 23:46:53 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	182401	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	685005	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	412498	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	739734	20.000	ng	0.00
76) Chrysene-d12	14.057	240	462555	20.000	ng	0.00
86) Perylene-d12	15.563	264	407842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1147421	104.249	ng	0.00
7) Phenol-d6	6.504	99	1465532	103.519	ng	0.00
23) Nitrobenzene-d5	7.434	82	1031090	74.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	449315	110.198	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1880356	72.790	ng	0.00
79) Terphenyl-d14	12.992	244	2115426	74.917	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	19511	3.856	ng	96
3) Pyridine	3.493	79	42340	3.429	ng	97
4) n-Nitrosodimethylamine	3.375	42	24515	3.439	ng	# 88
6) Aniline	6.540	93	60988	4.768	ng	99
8) 2-Chlorophenol	6.663	128	45918	3.987	ng	94
9) Benzaldehyde	6.428	77	41733	4.786	ng	95
10) Phenol	6.516	94	59776	3.976	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	46952	4.111	ng	96
12) 1,3-Dichlorobenzene	6.816	146	53135	3.937	ng	98
13) 1,4-Dichlorobenzene	6.893	146	54078	3.973	ng	95
14) 1,2-Dichlorobenzene	7.045	146	49177	3.868	ng	99
15) Benzyl Alcohol	7.010	79	58655	5.375	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	74547	4.032	ng	99
17) 2-Methylphenol	7.116	107	38134	3.969	ng	96
18) Hexachloroethane	7.387	117	18786	3.705	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	35290	3.907	ng	99
20) 3+4-Methylphenols	7.269	107	49324	4.088	ng	97
22) Acetophenone	7.275	105	70183	4.132	ng	96
24) Nitrobenzene	7.451	77	56659	3.919	ng	99
25) Isophorone	7.687	82	92586	3.903	ng	99
26) 2-Nitrophenol	7.769	139	20935	3.640	ng	95
27) 2,4-Dimethylphenol	7.798	122	31595	4.038	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	55633	3.919	ng	100
29) 2,4-Dichlorophenol	8.004	162	36260	3.746	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	44367	3.825	ng	99
31) Naphthalene	8.175	128	140134	3.962	ng	99
33) 4-Chloroaniline	8.222	127	49936	4.288	ng	98
34) Hexachlorobutadiene	8.292	225	28424	3.621	ng	99
35) Caprolactam	8.551	113	10280	3.492	ng	94
36) 4-Chloro-3-methylphenol	8.698	107	41162	3.820	ng	98
37) 2-Methylnaphthalene	8.863	142	92729	4.017	ng	98
38) 1-Methylnaphthalene	8.963	142	87522	3.868	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	47337	3.920	ng	99
41) Hexachlorocyclopentadiene	9.022	237	11408	3.371	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	26734	3.573	ng	99
44) 2,4,5-Trichlorophenol	9.181	196	28126	3.575	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.334	154	125361	4.204	ng	97
47) 2-Chloronaphthalene	9.357	162	85996	3.832	ng	97
48) 2-Nitroaniline	9.451	65	26100	3.478	ng	100
49) Acenaphthylene	9.775	152	136560	4.298	ng	98
50) Dimethylphthalate	9.628	163	101560	3.998	ng	99
51) 2,6-Dinitrotoluene	9.686	165	20627	3.454	ng	95
52) Acenaphthene	9.945	154	84369	3.744	ng	100
53) 3-Nitroaniline	9.857	138	21510	3.825	ng	98
55) Dibenzofuran	10.116	168	129025	4.094	ng	97
56) 4-Nitrophenol	10.016	139	9987	2.526	ng	97
57) 2,4-Dinitrotoluene	10.092	165	26481	3.417	ng	96
58) Fluorene	10.463	166	102515	4.087	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	23997m	3.723	ng	
60) Diethylphthalate	10.328	149	99442	3.939	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	49989	3.954	ng	100
62) 4-Nitroaniline	10.469	138	19353	3.464	ng	94
63) Azobenzene	10.616	77	105534	4.033	ng	97
66) n-Nitrosodiphenylamine	10.569	169	85221	4.005	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	30588	3.840	ng	99
68) Hexachlorobenzene	11.010	284	35119	3.868	ng	95
69) Atrazine	11.092	200	29118	5.002	ng	98
70) Pentachlorophenol	11.204	266	10639	2.182	ng	98
71) Phenanthrene	11.428	178	149572	4.237	ng	98
72) Anthracene	11.475	178	148961	4.303	ng	98
73) Carbazole	11.633	167	122589	3.876	ng	99
74) Di-n-butylphthalate	11.963	149	145503	3.886	ng	99
75) Fluoranthene	12.616	202	143742	3.894	ng	98
77) Benzidine	12.739	184	43342	4.792	ng	95
78) Pyrene	12.845	202	148750	3.895	ng	97
80) Butylbenzylphthalate	13.469	149	47257	3.436	ng	95
81) Benzo(a)anthracene	14.045	228	116524	3.925	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	31531	3.382	ng	97
83) Chrysene	14.080	228	108911	3.918	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	70062	3.635	ng	98
85) Di-n-octyl phthalate	14.674	149	96385	3.322	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	78709	3.288	ng	98
88) Benzo(b)fluoranthene	15.121	252	94119	3.815	ng	99
89) Benzo(k)fluoranthene	15.151	252	78856	3.484	ng	99
90) Benzo(a)pyrene	15.498	252	75564	3.715	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	62757	3.186	ng	98
92) Benzo(g,h,i)perylene	17.515	276	61201	3.046	ng	98

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

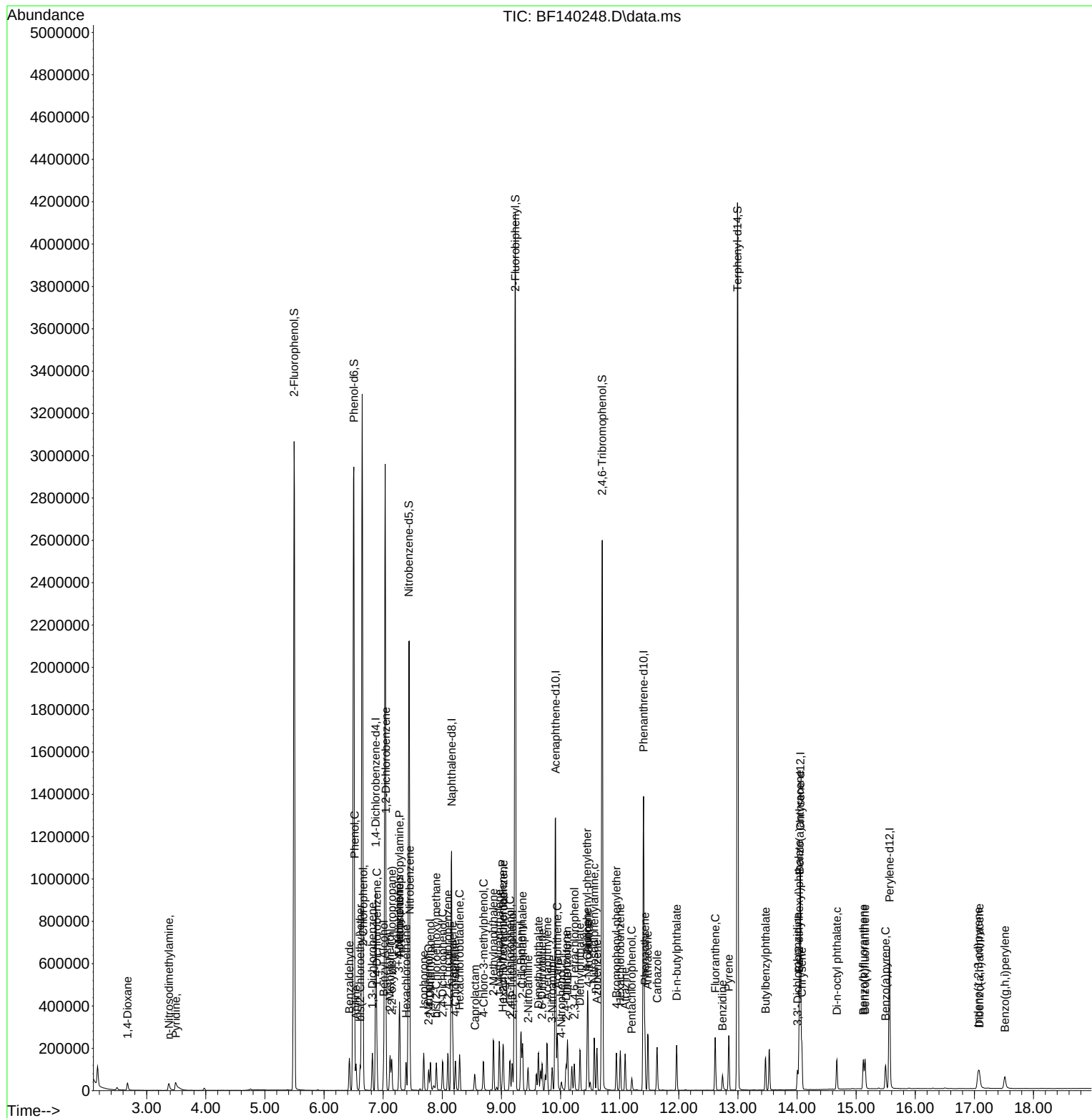
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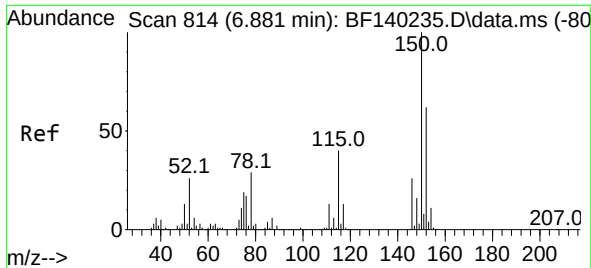
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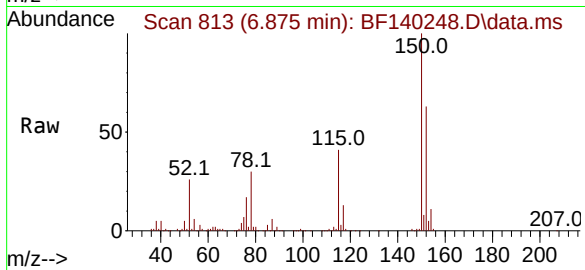
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

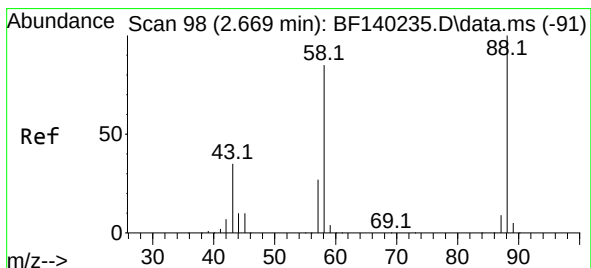
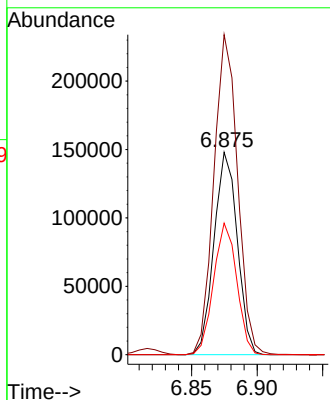
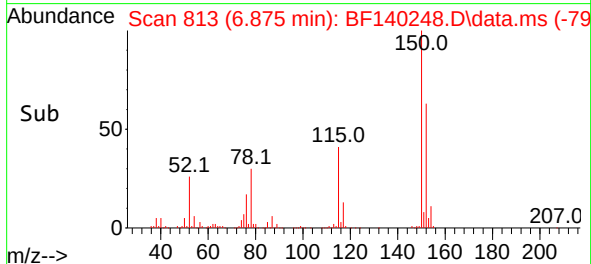
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:152 Resp: 18240
Ion Ratio Lower Upper
152 100
150 158.2 129.4 194.2
115 65.0 51.5 77.3

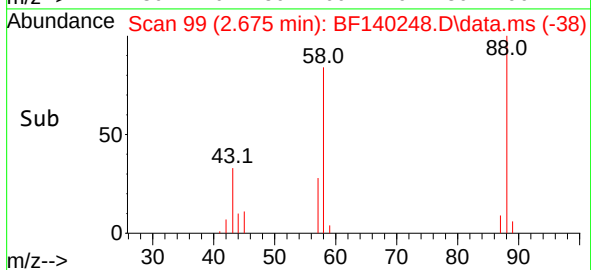
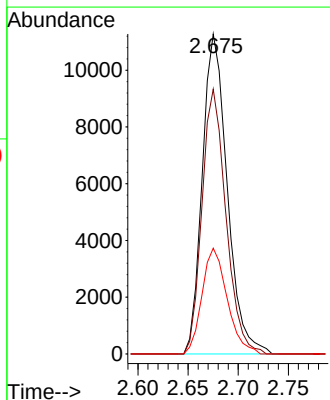
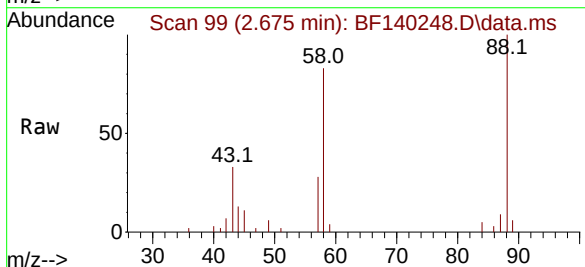
Manual Integrations
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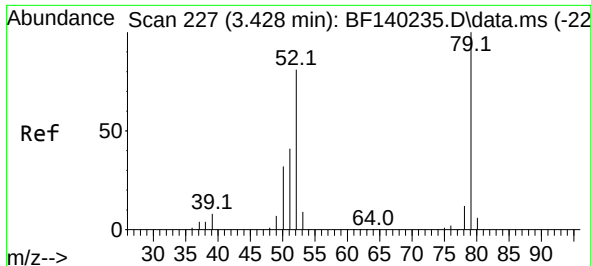
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#2
1,4-Dioxane
Concen: 3.856 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

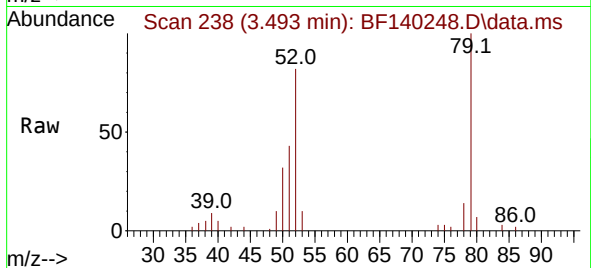
Tgt Ion: 88 Resp: 19511
Ion Ratio Lower Upper
88 100
58 79.5 66.7 100.1
43 33.4 27.8 41.8





#3
Pyridine
Concen: 3.429 ng
RT: 3.493 min Scan# 218
Delta R.T. 0.065 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

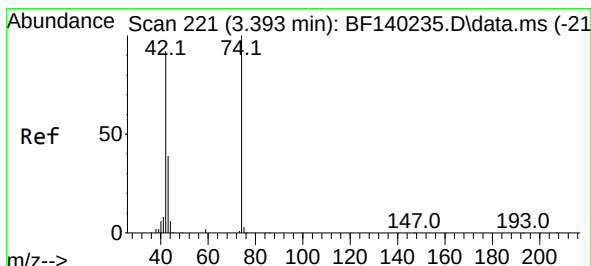
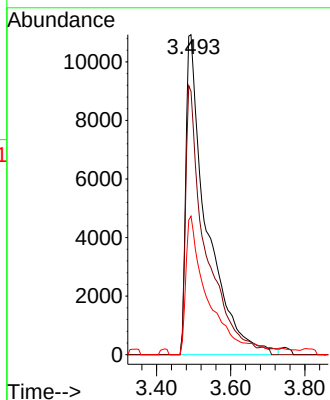
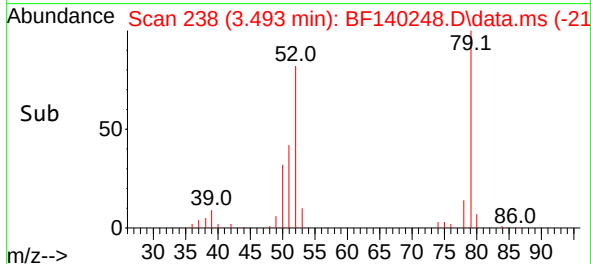
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



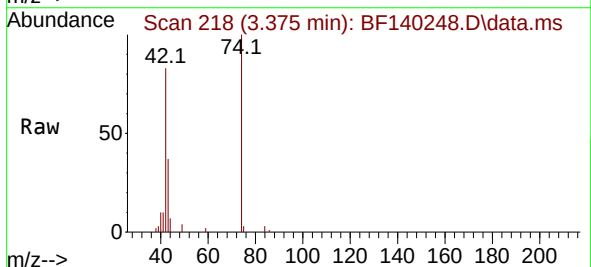
Tgt Ion: 79 Resp: 42340
Ion Ratio Lower Upper
79 100
52 82.3 64.6 97.0
51 43.3 32.5 48.7

Manual Integrations
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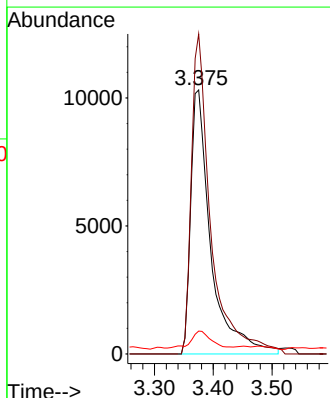
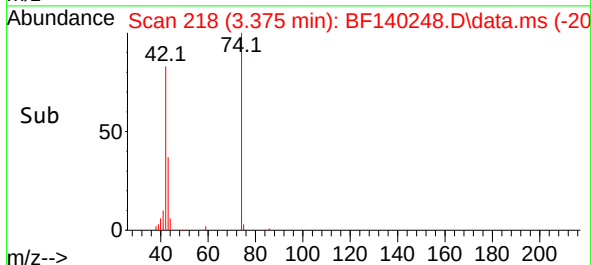
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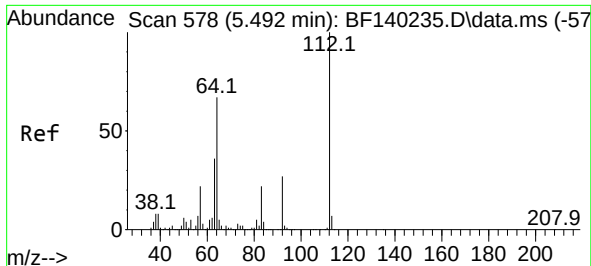


#4
n-Nitrosodimethylamine
Concen: 3.439 ng
RT: 3.375 min Scan# 218
Delta R.T. -0.018 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07



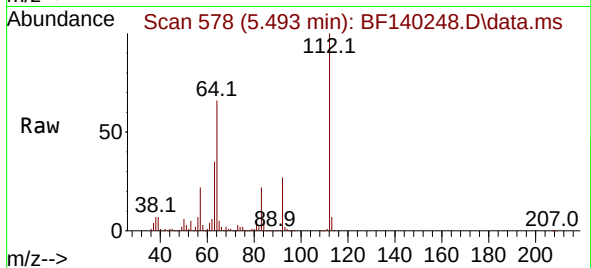
Tgt Ion: 42 Resp: 24515
Ion Ratio Lower Upper
42 100
74 121.2 86.9 130.3
44 8.7 5.0 7.6





#5
2-Fluorophenol
Concen: 104.249 ng
RT: 5.493 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

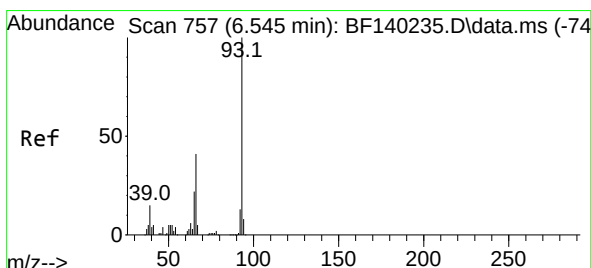
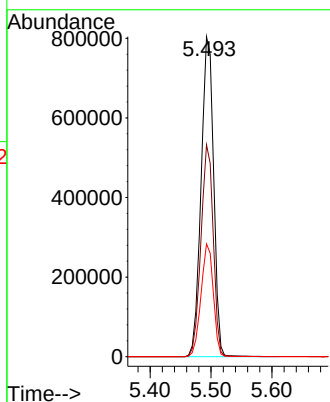
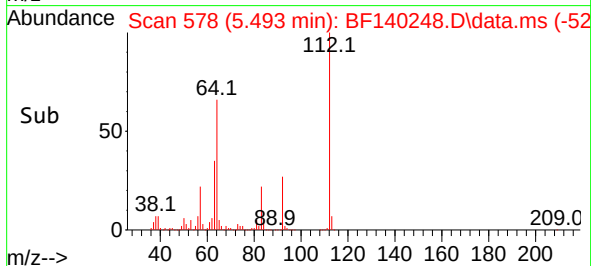
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 114742
Ion Ratio Lower Upper
112 100
64 66.2 53.4 80.2
63 35.3 28.9 43.3

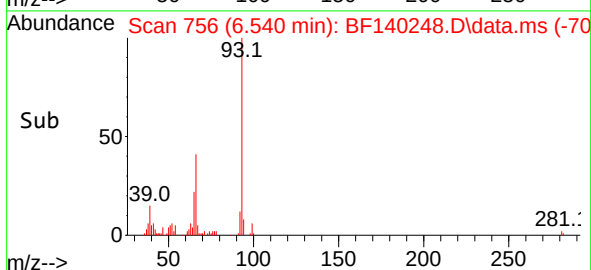
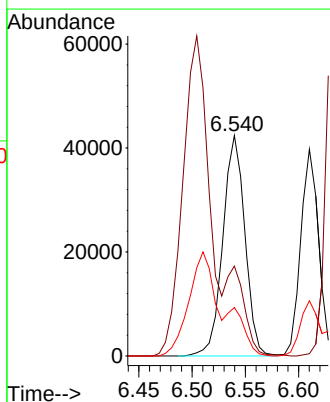
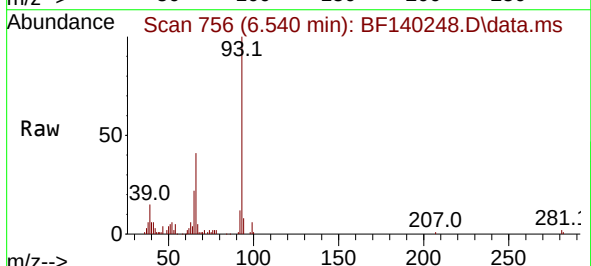
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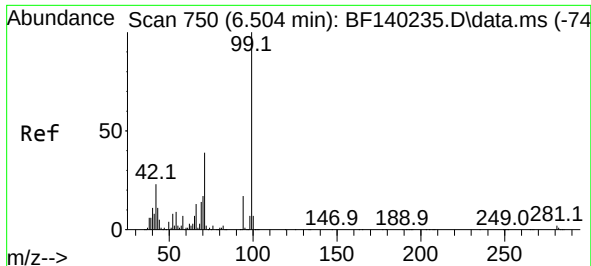
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#6
Aniline
Concen: 4.768 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

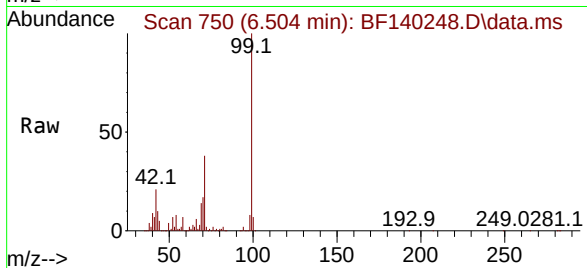
Tgt Ion: 93 Resp: 60988
Ion Ratio Lower Upper
93 100
66 40.8 33.6 50.4
65 22.0 17.5 26.3





#7
Phenol-d6
Concen: 103.519 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

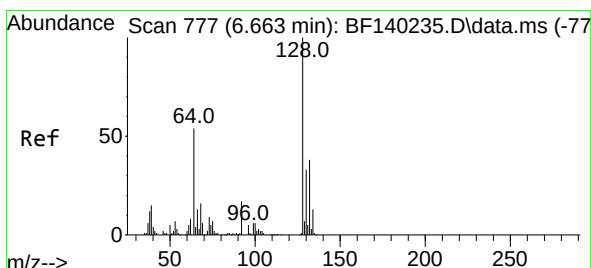
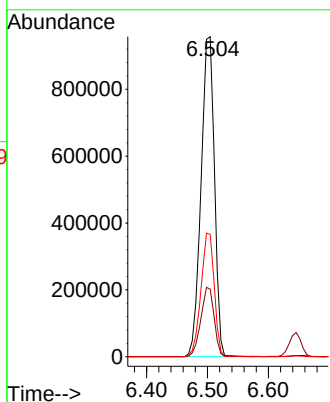
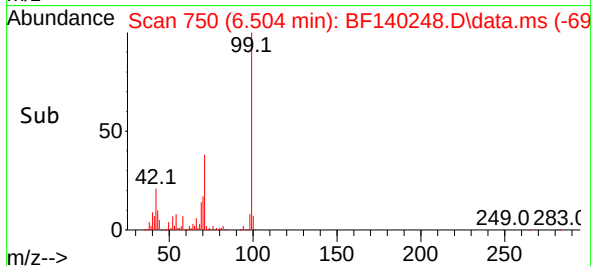
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Tgt Ion: 99 Resp: 146553
Ion Ratio Lower Upper
99 100
42 21.1 18.2 27.2
71 38.2 30.9 46.3

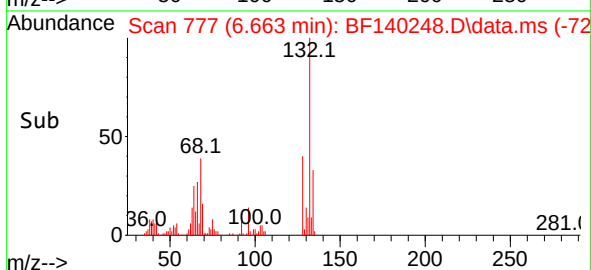
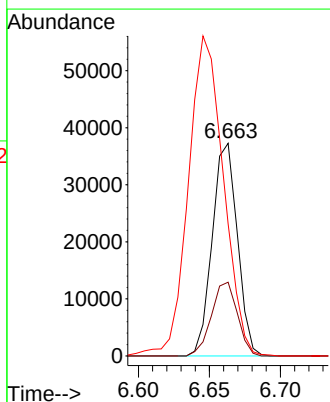
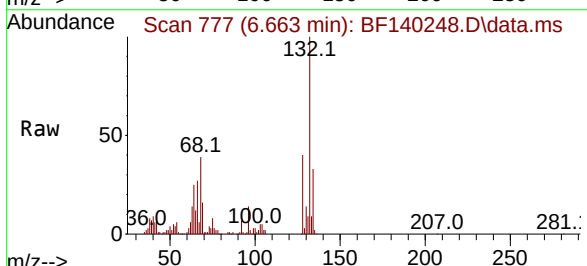
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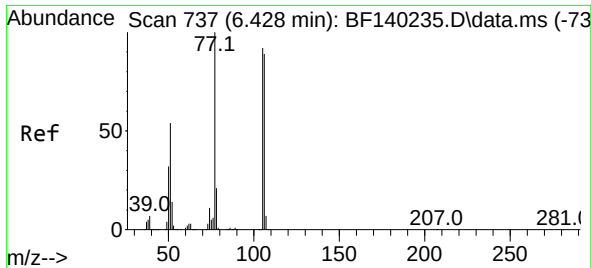
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#8
2-Chlorophenol
Concen: 3.987 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

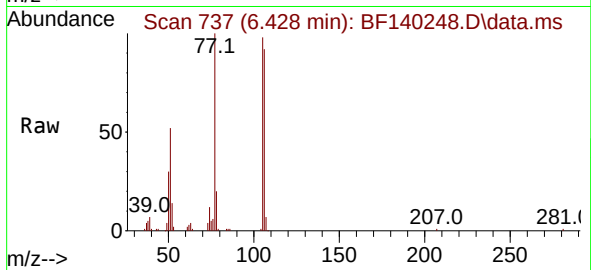
Tgt Ion:128 Resp: 45918
Ion Ratio Lower Upper
128 100
130 34.7 12.9 52.9
64 62.1 36.3 76.3





#9
Benzaldehyde
Concen: 4.786 ng
RT: 6.428 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

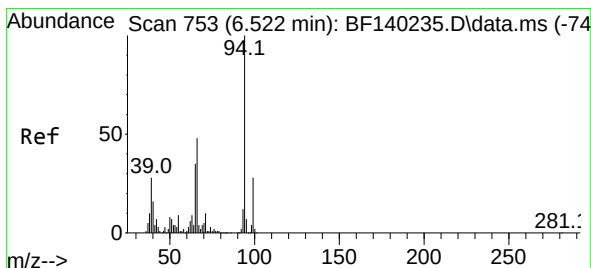
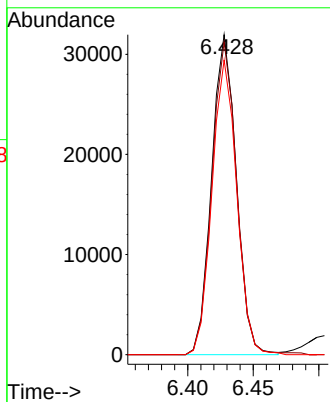
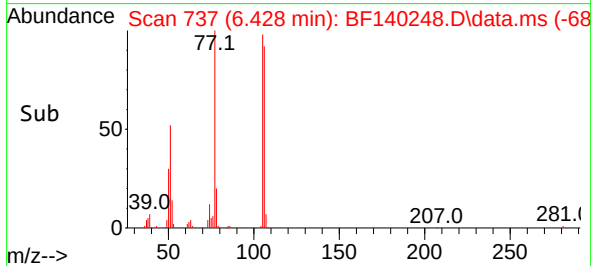
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Tgt Ion: 77 Resp: 41733
Ion Ratio Lower Upper
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105 97.6 72.1 112.1
106 92.1 68.8 108.8

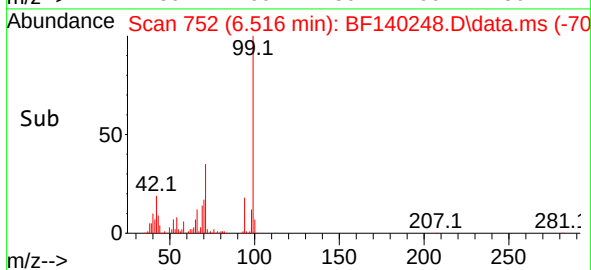
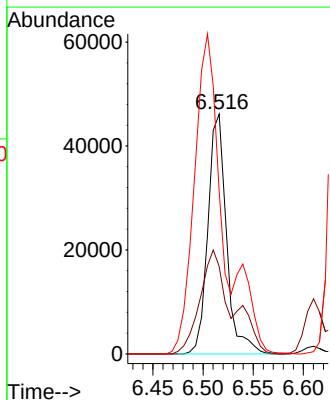
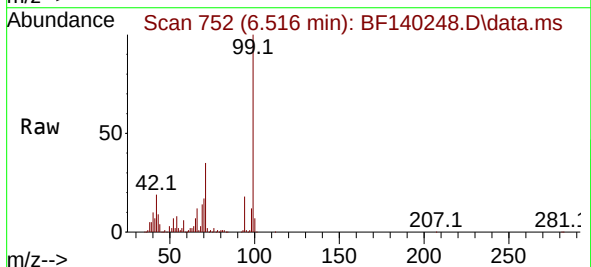
Manual Integrations
APPROVED

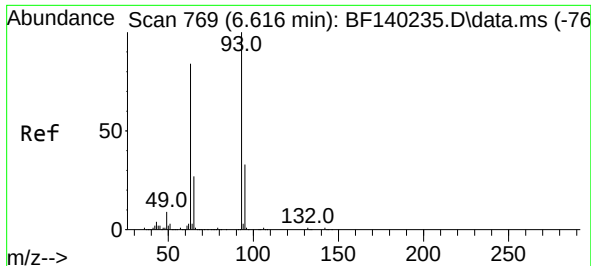
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#10
Phenol
Concen: 3.976 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion: 94 Resp: 59776
Ion Ratio Lower Upper
94 100
65 36.5 15.1 55.1
66 67.9 28.8 68.8





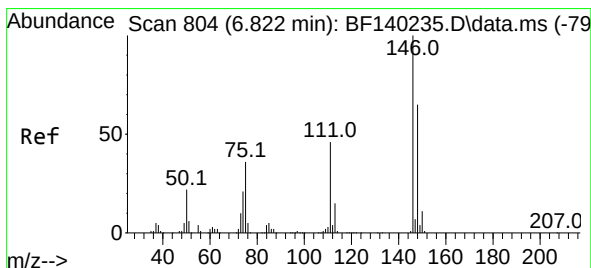
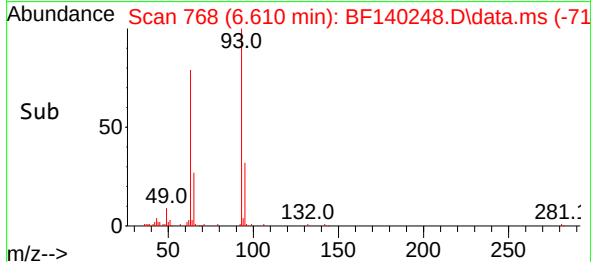
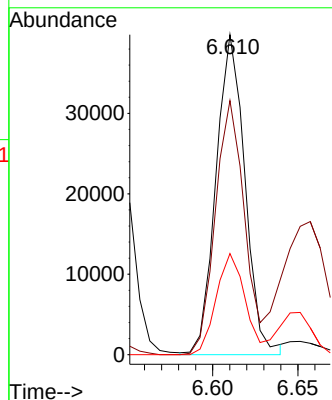
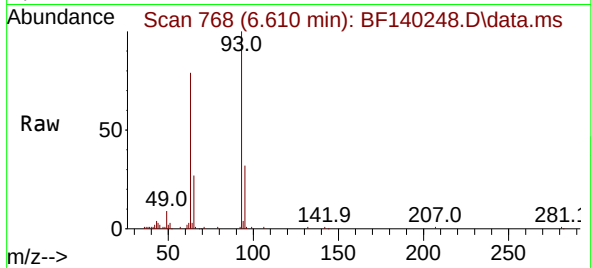
#11
bis(2-Chloroethyl)ether
Concen: 4.111 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

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

Tgt Ion: 93 Resp: 46952
Ion Ratio Lower Upper
93 100
63 79.4 63.6 103.6
95 31.6 12.7 52.7

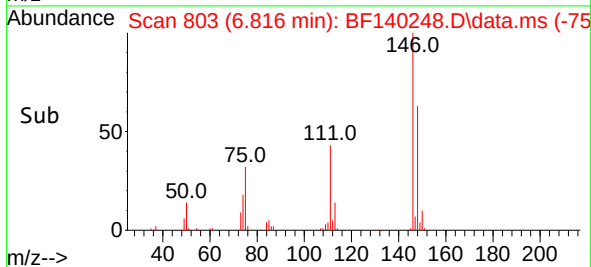
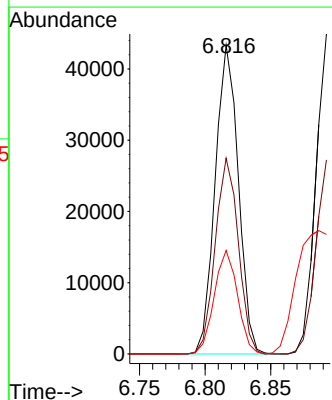
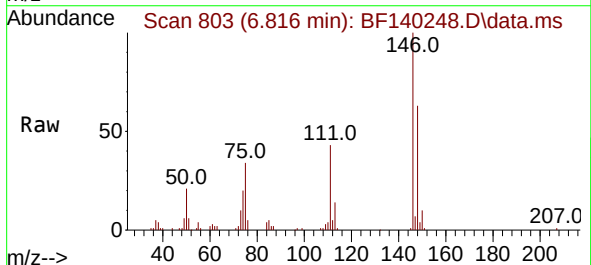
Manual Integrations
APPROVED

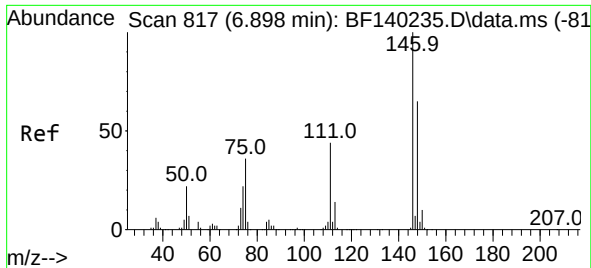
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#12
1,3-Dichlorobenzene
Concen: 3.937 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

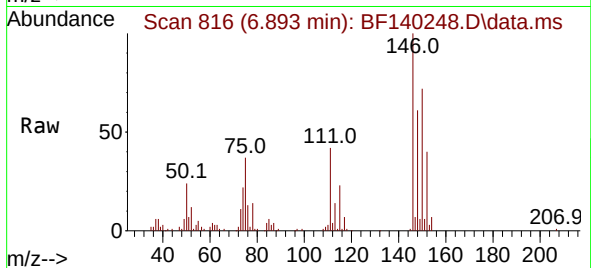
Tgt Ion:146 Resp: 53135
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
75 33.5 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 3.973 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

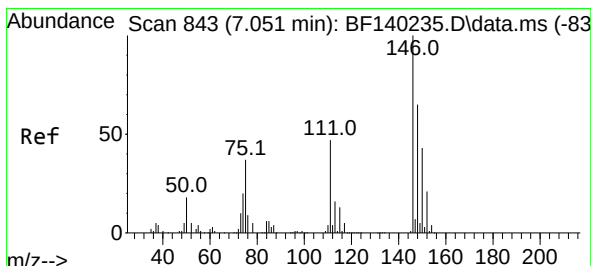
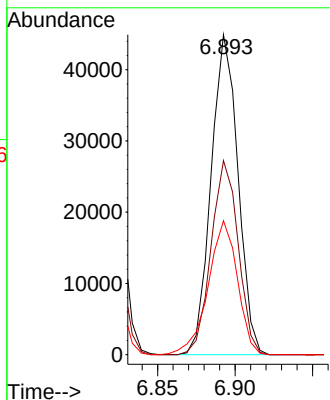
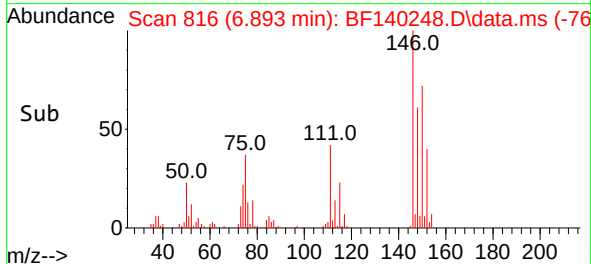
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:146 Resp: 54078
Ion Ratio Lower Upper
146 100
148 60.7 51.8 77.6
111 41.8 35.4 53.2

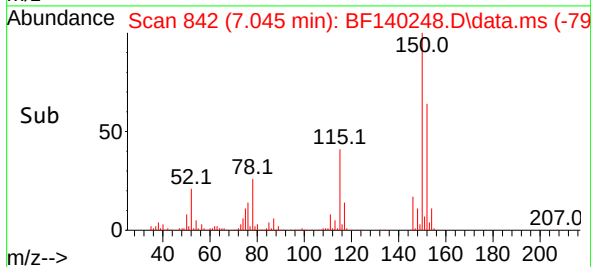
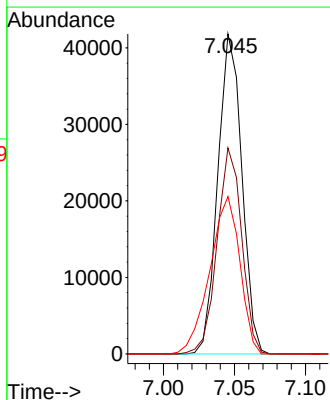
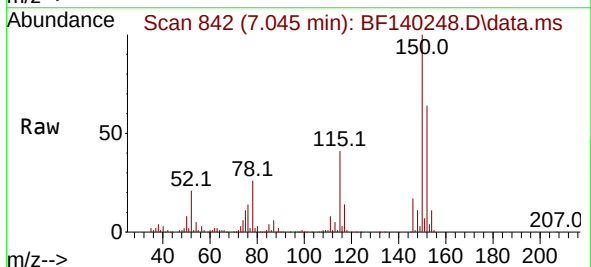
Manual Integrations
APPROVED

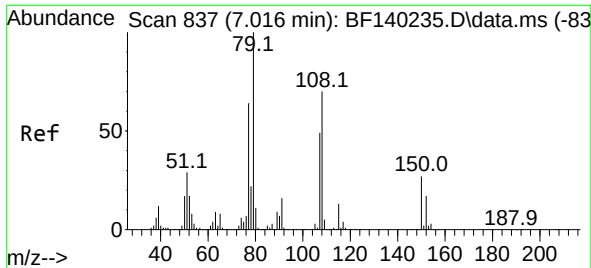
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#14
1,2-Dichlorobenzene
Concen: 3.868 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:146 Resp: 49177
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 49.2 37.9 56.9





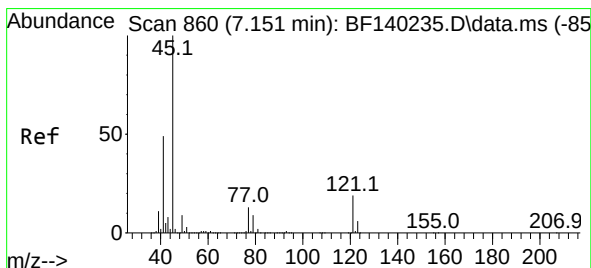
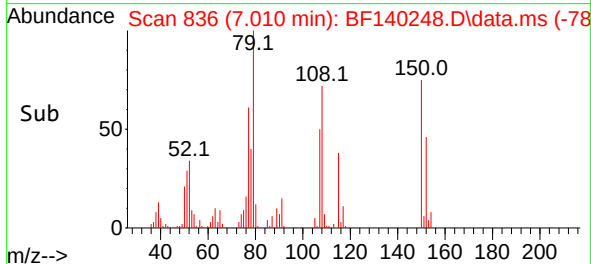
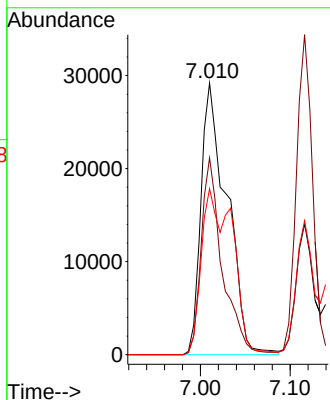
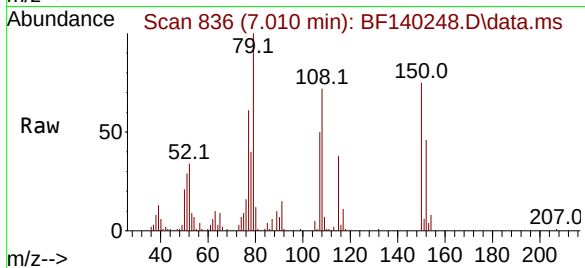
#15
Benzyl Alcohol
Concen: 5.375 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

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

Tgt Ion: 79 Resp: 5865
Ion Ratio Lower Upper
79 100
108 72.4 55.8 83.6
77 61.1 51.1 76.7

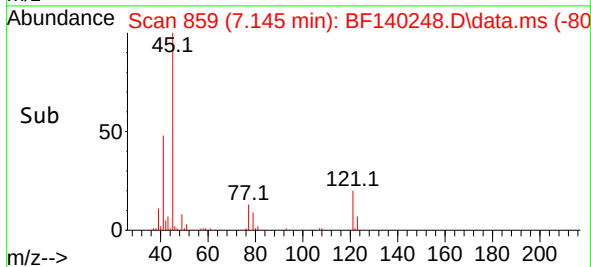
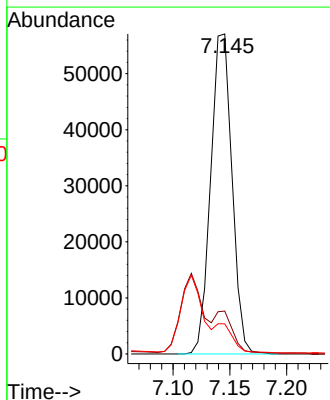
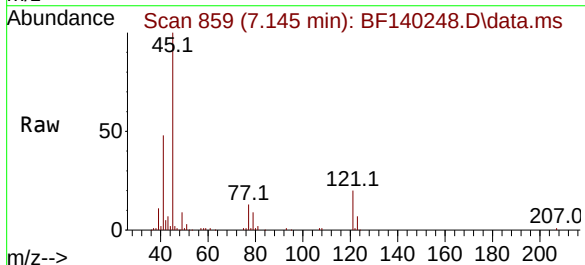
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APPROVED

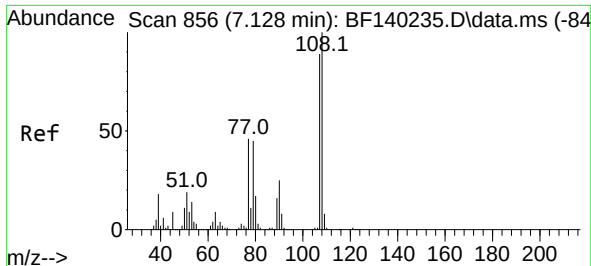
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.032 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

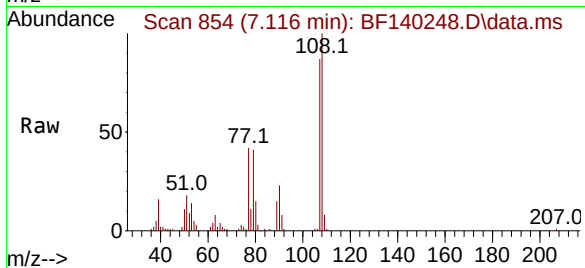
Tgt Ion: 45 Resp: 74547
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.3
79 9.4 0.0 29.9





#17
2-Methylphenol
Concen: 3.969 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

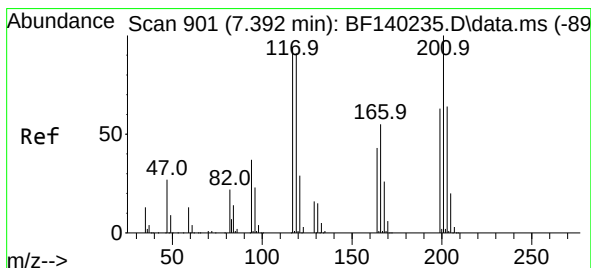
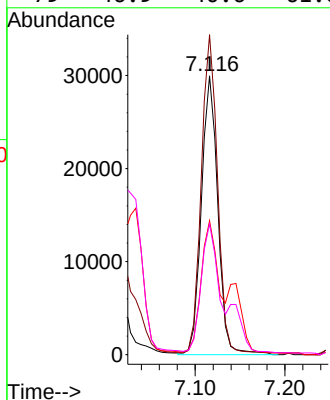
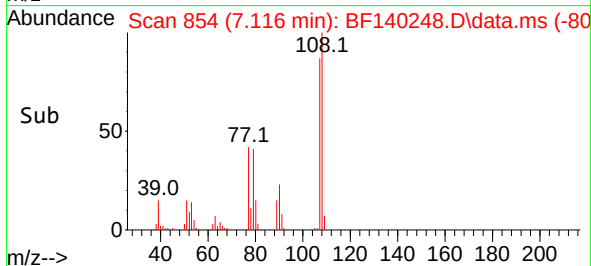
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	107	Resp:	38134
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.5	135.7
77	48.0	41.8	62.6
79	46.9	40.6	61.0

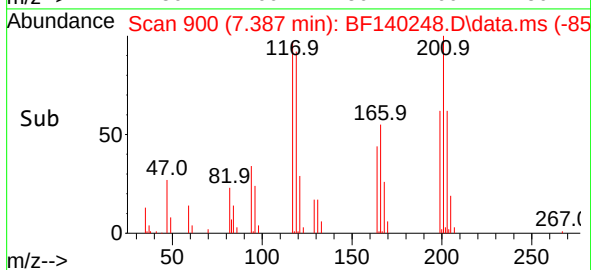
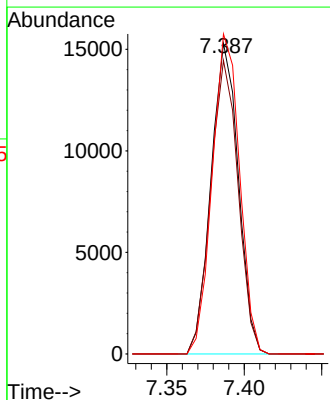
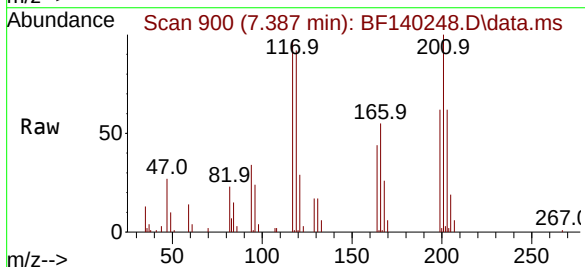
Manual Integrations
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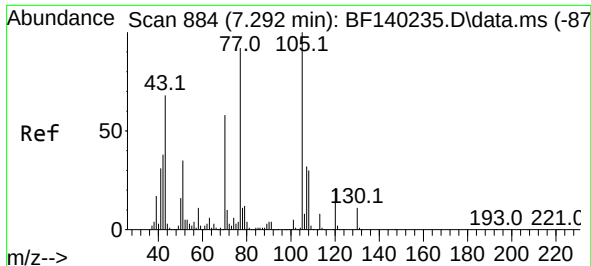
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 3.705 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

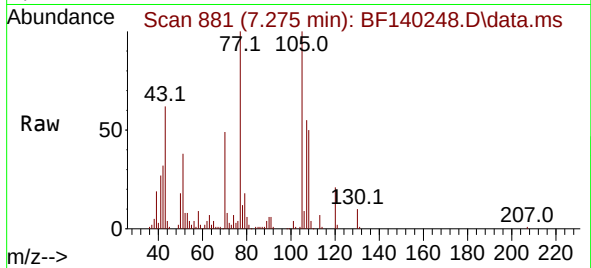
Tgt Ion:	117	Resp:	18786
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.3	115.9
201	103.0	85.1	127.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.907 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.018 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

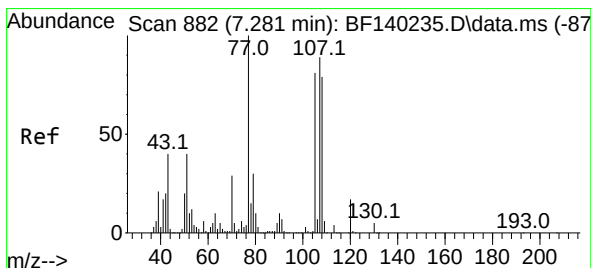
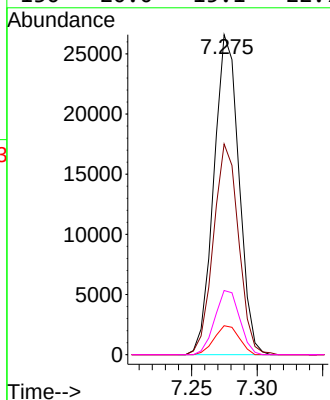
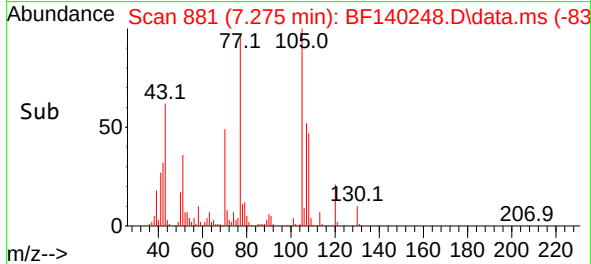
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



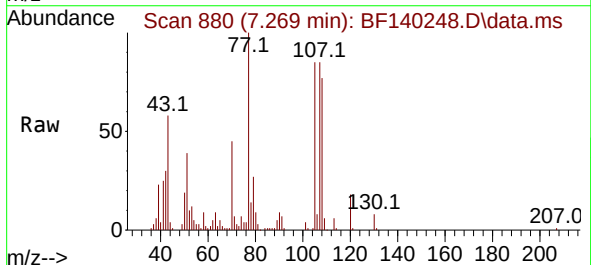
Tgt Ion: 70 Resp: 35290
Ion Ratio Lower Upper
70 100
42 65.9 52.8 79.2
101 9.0 7.4 11.2
130 20.0 15.1 22.7

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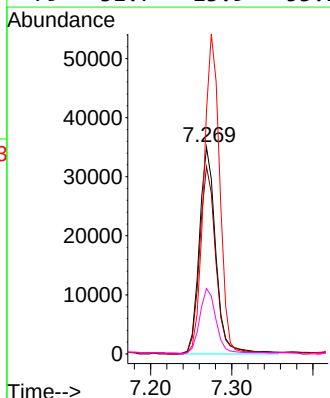
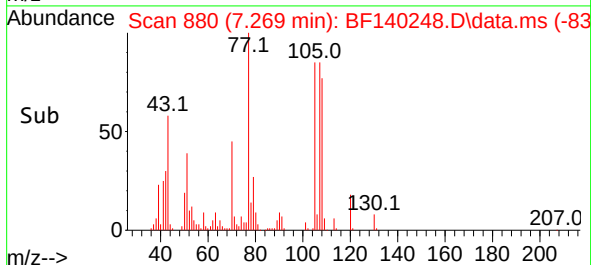
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

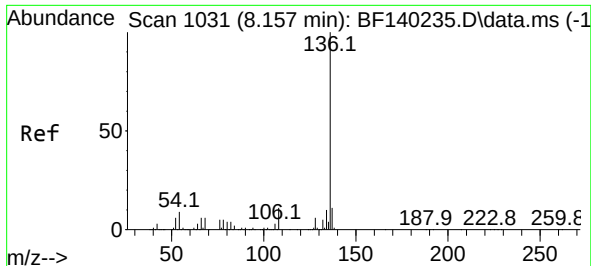


#20
3+4-Methylphenols
Concen: 4.088 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07



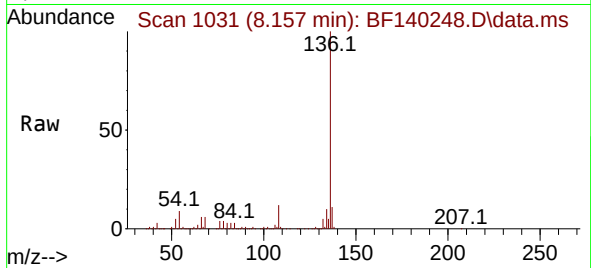
Tgt Ion:107 Resp: 49324
Ion Ratio Lower Upper
107 100
108 90.6 69.4 109.4
77 117.7 92.7 132.7
79 31.7 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

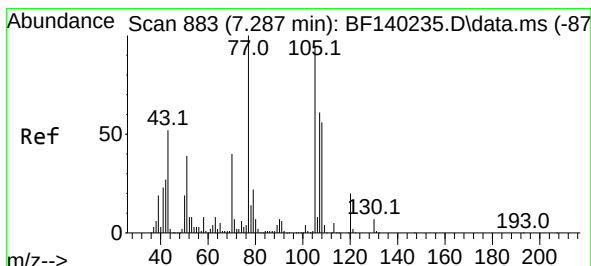
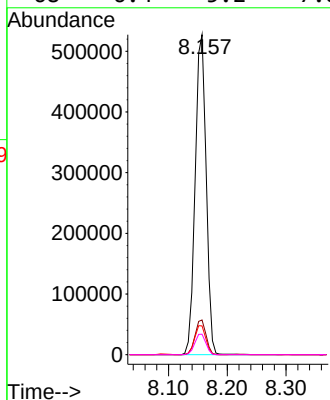
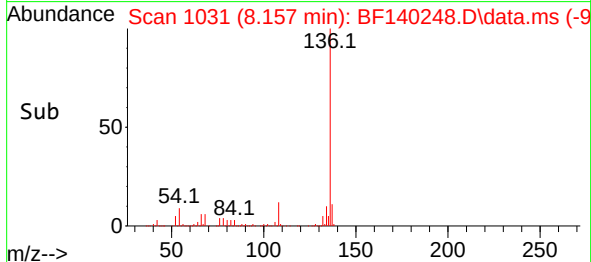
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:136	Resp: 68500
Ion Ratio	Lower Upper
136	100
137	10.9 9.0 13.6
54	9.0 7.7 11.5
68	6.4 5.2 7.8

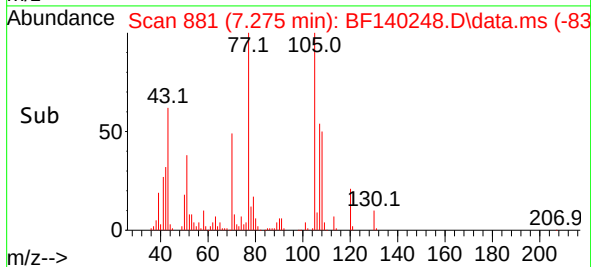
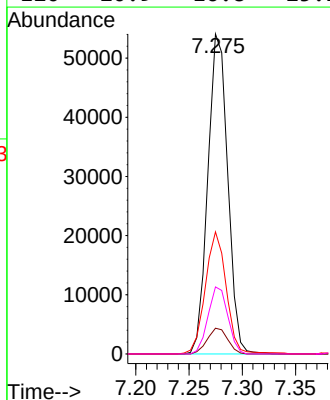
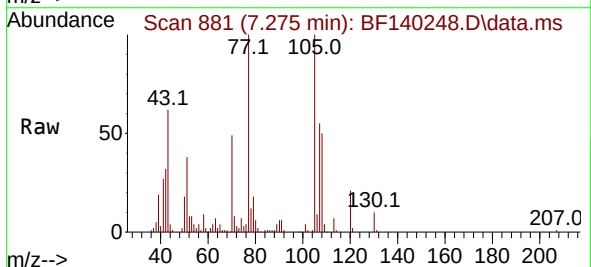
Manual Integrations
APPROVED

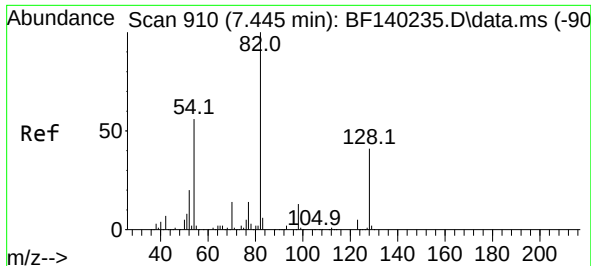
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#22
Acetophenone
Concen: 4.132 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

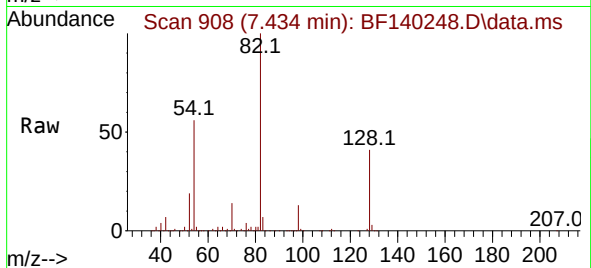
Tgt Ion:105	Resp: 70183
Ion Ratio	Lower Upper
105	100
71	8.1 5.6 8.4
51	38.2 33.2 49.8
120	20.9 16.8 25.2





#23
Nitrobenzene-d5
Concen: 74.837 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

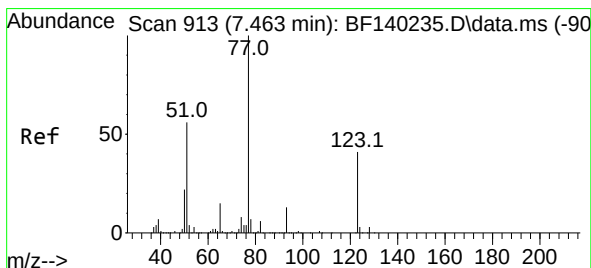
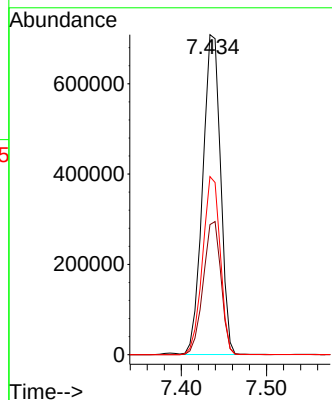
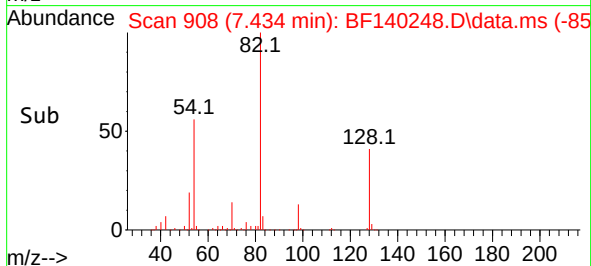
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 82 Resp: 1031090
Ion Ratio Lower Upper
82 100
128 40.7 32.8 49.2
54 55.6 44.3 66.5

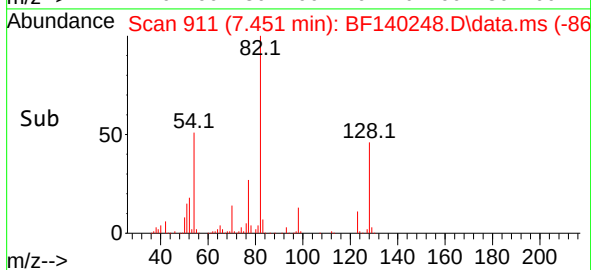
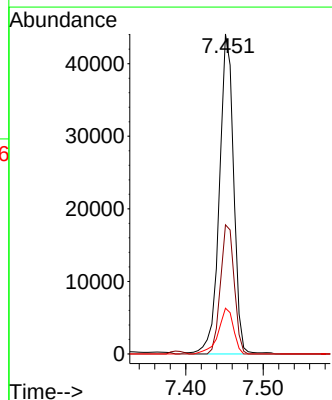
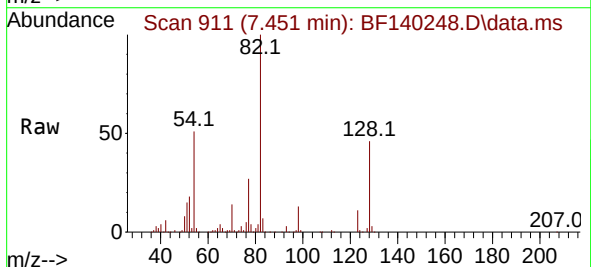
Manual Integrations
APPROVED

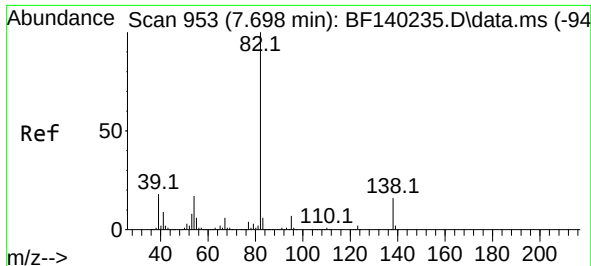
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#24
Nitrobenzene
Concen: 3.919 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion: 77 Resp: 56659
Ion Ratio Lower Upper
77 100
123 40.4 33.0 49.4
65 14.3 11.7 17.5





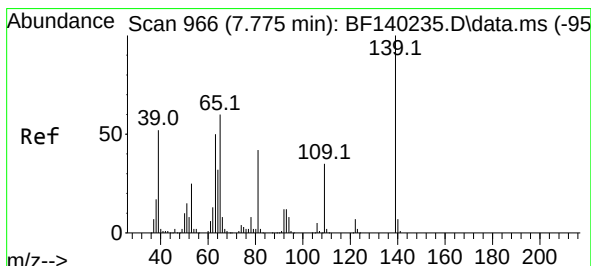
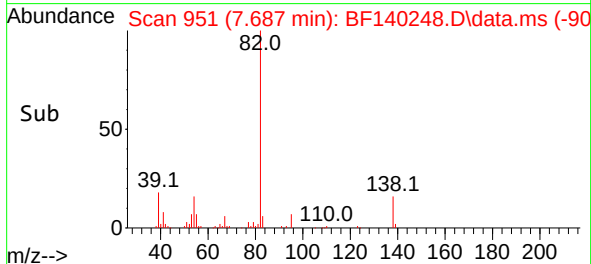
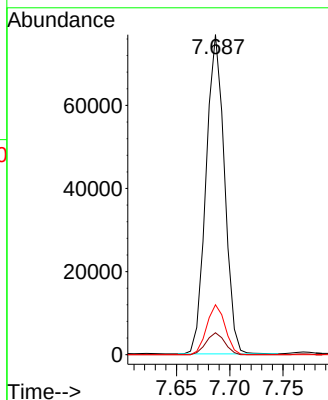
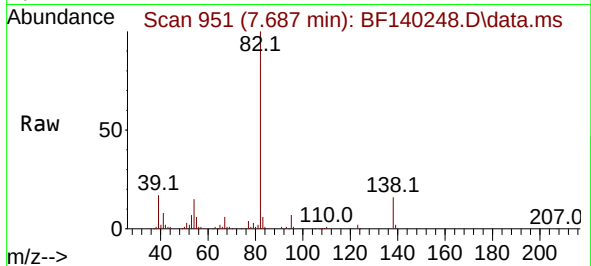
#25
Isophorone
Concen: 3.903 ng
RT: 7.687 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

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

Tgt Ion: 82 Resp: 92580
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 15.6 12.9 19.3

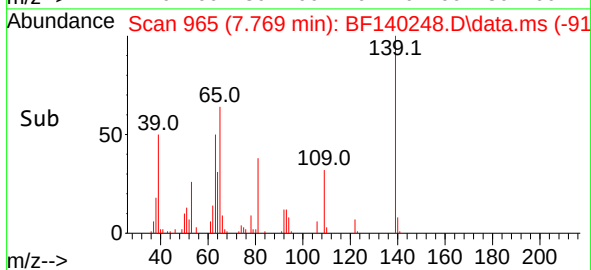
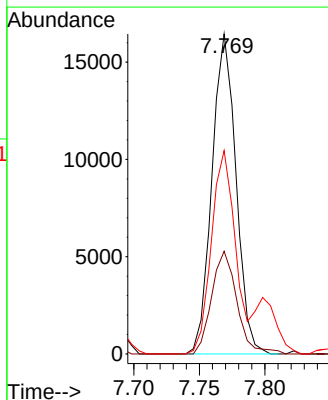
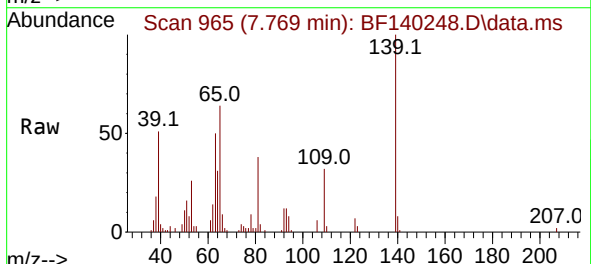
Manual Integrations
APPROVED

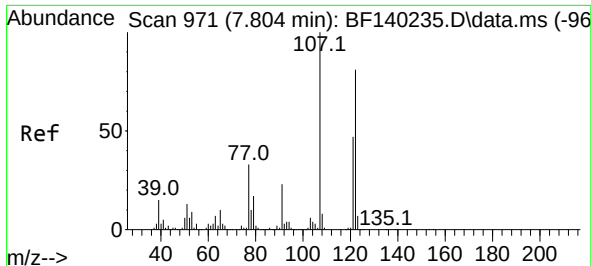
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 3.640 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

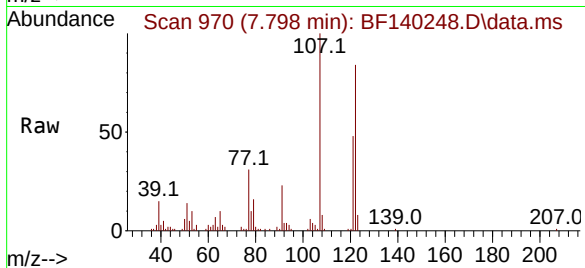
Tgt Ion:139 Resp: 20935
Ion Ratio Lower Upper
139 100
109 32.1 27.8 41.8
65 63.6 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 4.038 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

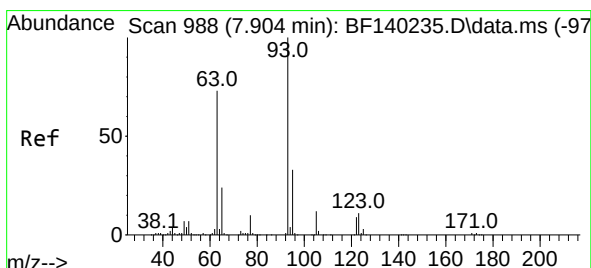
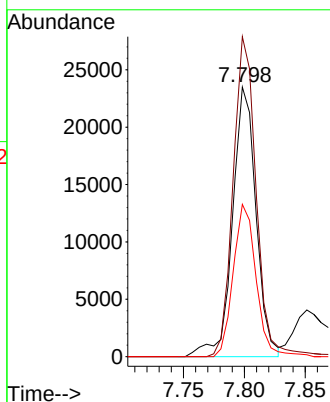
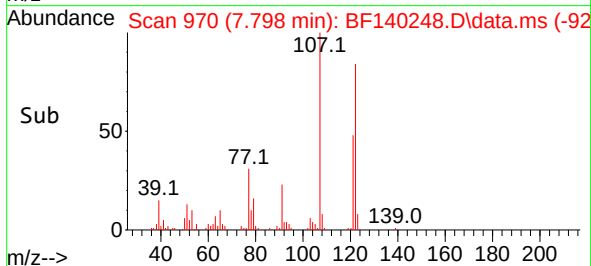
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:122 Resp: 3159
Ion Ratio Lower Upper
122 100
107 118.7 99.4 149.0
121 56.5 47.1 70.7

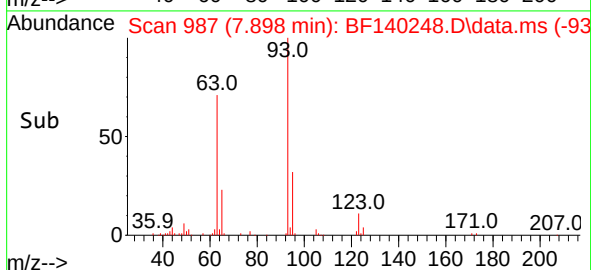
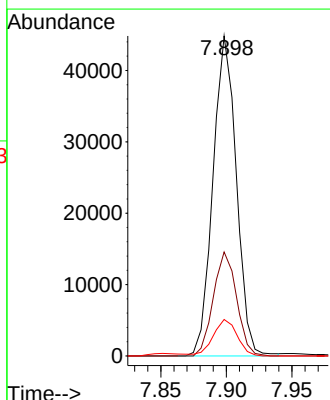
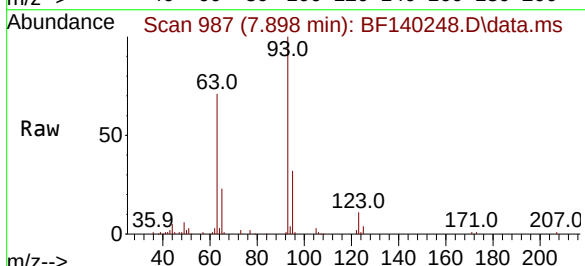
Manual Integrations
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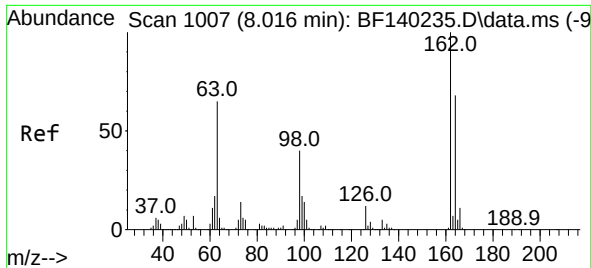
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.919 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion: 93 Resp: 55633
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 3.746 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

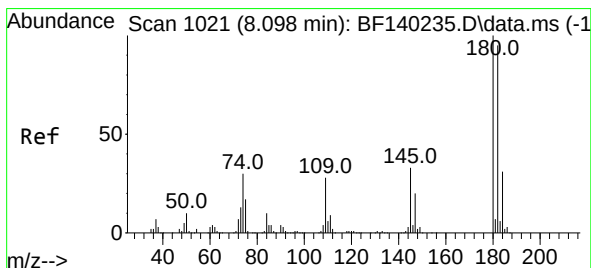
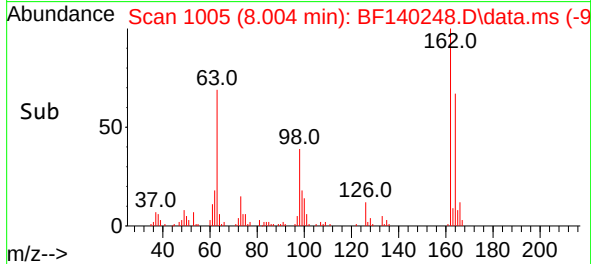
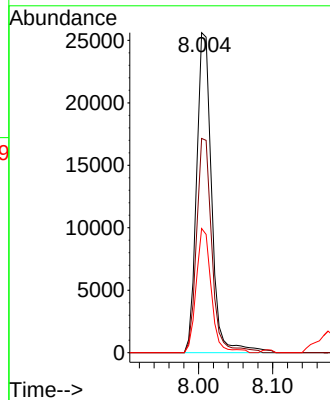
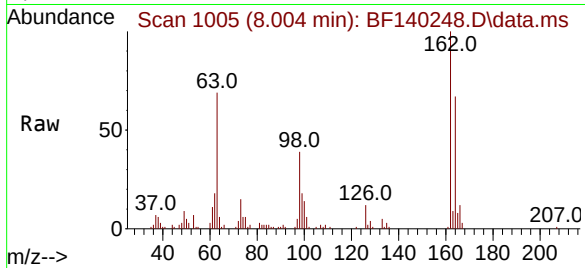
Tgt Ion:162	Resp:	36260
Ion Ratio	Lower	Upper
162	100	
164	67.0	47.5 87.5
98	38.8	19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 3.825 ng

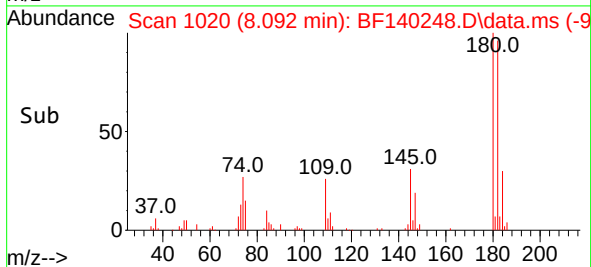
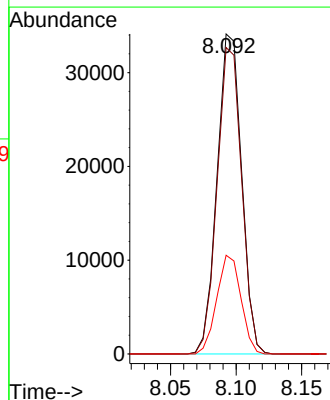
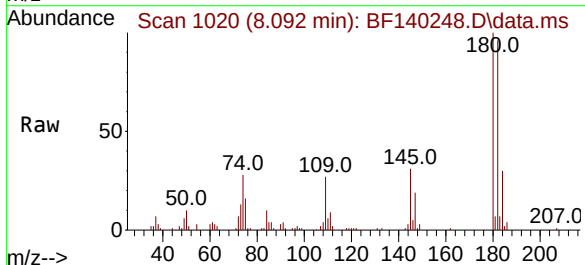
RT: 8.092 min Scan# 1020

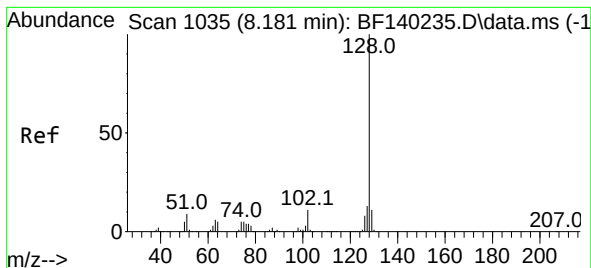
Delta R.T. -0.006 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

Tgt Ion:180	Resp:	44367
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.9 113.9
145	30.9	26.1 39.1





#31

Naphthalene

Concen: 3.962 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:128 Resp: 140134

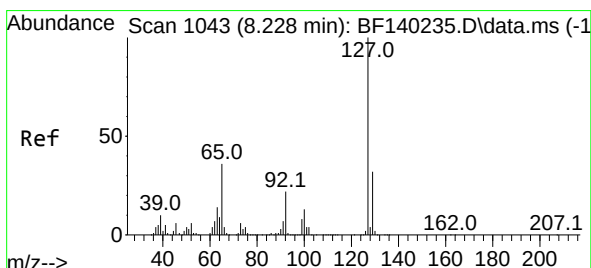
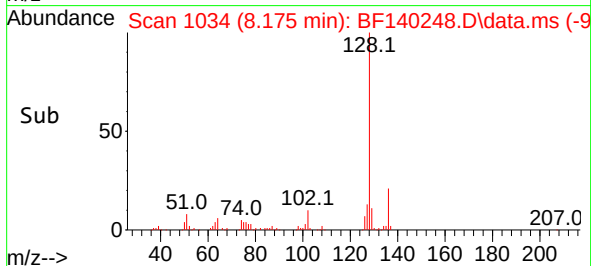
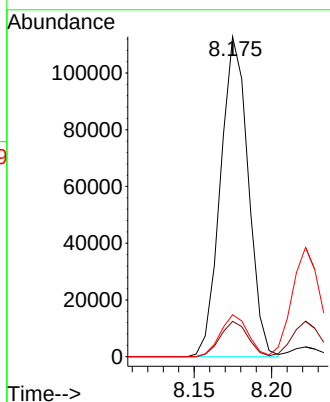
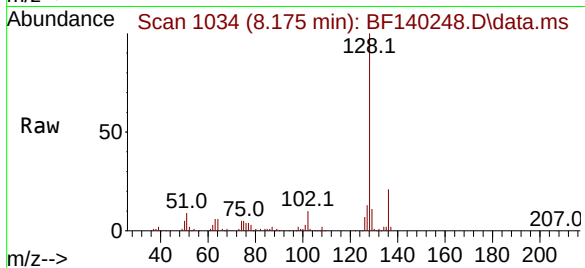
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.1	10.7	16.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#33

4-Chloroaniline

Concen: 4.288 ng

RT: 8.222 min Scan# 1042

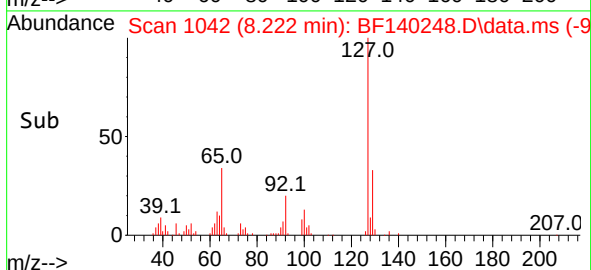
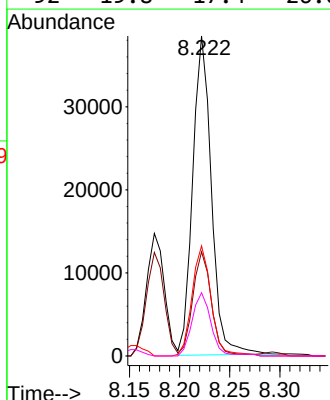
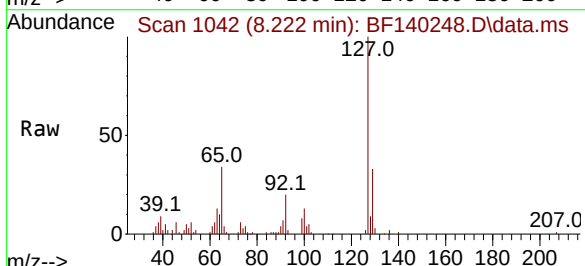
Delta R.T. -0.006 min

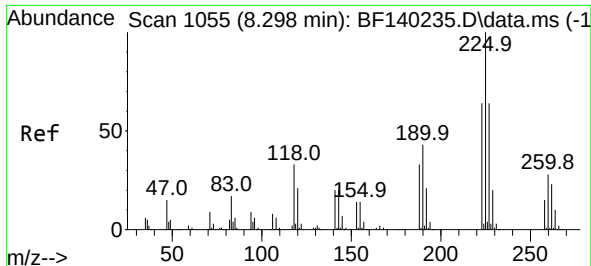
Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

Tgt Ion:127 Resp: 49936

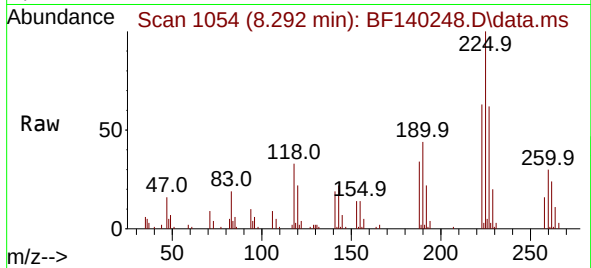
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	34.4	29.0	43.6
92	19.8	17.4	26.0





#34
Hexachlorobutadiene
Concen: 3.621 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

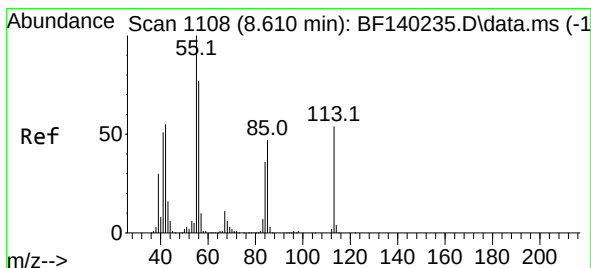
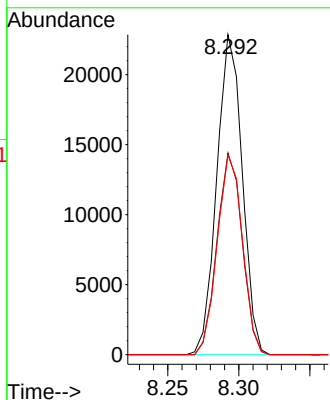
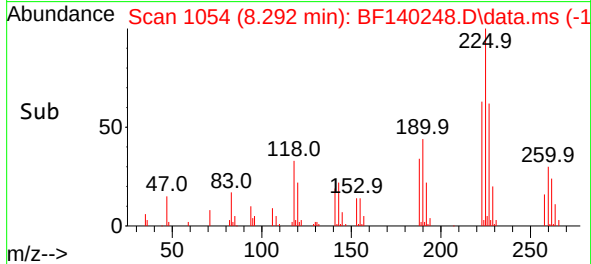
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:225 Resp: 28424
Ion Ratio Lower Upper
225 100
223 63.1 50.8 76.2
227 62.3 51.0 76.6

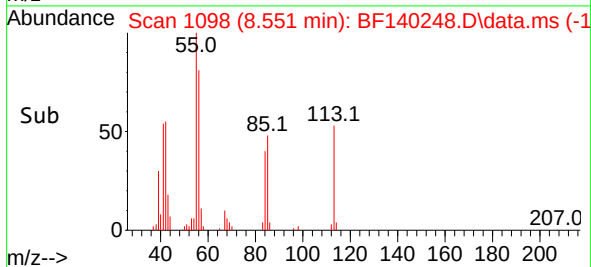
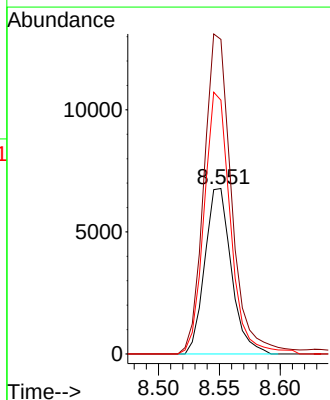
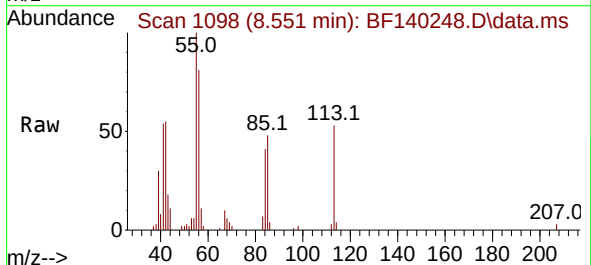
Manual Integrations
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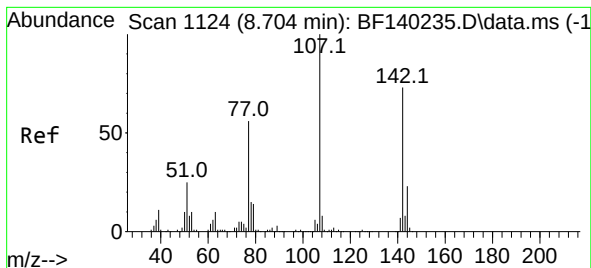
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#35
Caprolactam
Concen: 3.492 ng
RT: 8.551 min Scan# 1098
Delta R.T. -0.059 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:113 Resp: 10280
Ion Ratio Lower Upper
113 100
55 190.1 165.2 205.2
56 153.3 122.1 162.1





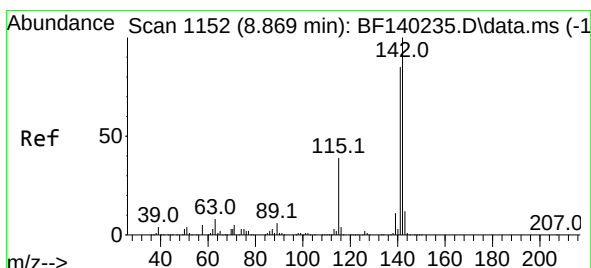
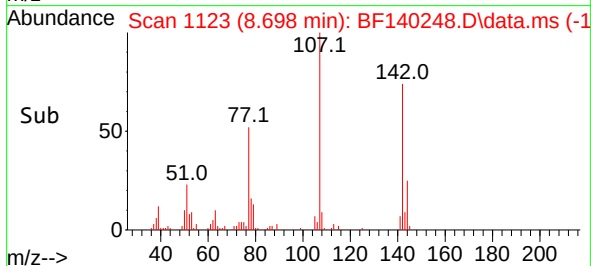
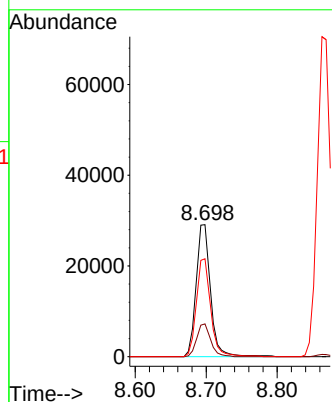
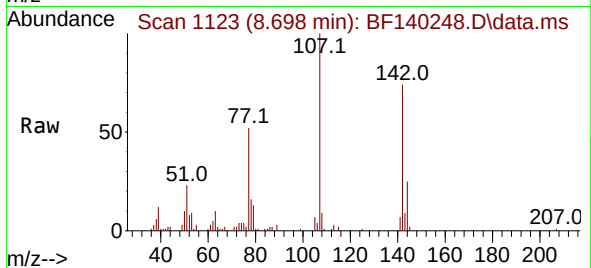
#36
4-Chloro-3-methylphenol
Concen: 3.820 ng
RT: 8.698 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

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

Tgt Ion:107 Resp: 41162
Ion Ratio Lower Upper
107 100
144 24.8 18.6 27.8
142 74.2 58.1 87.1

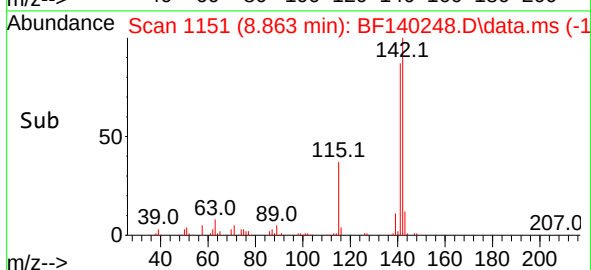
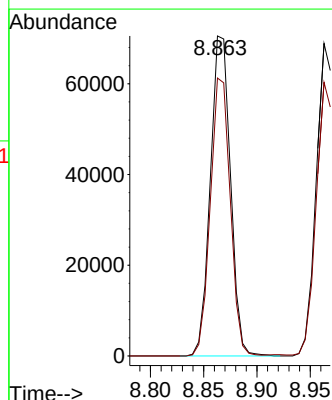
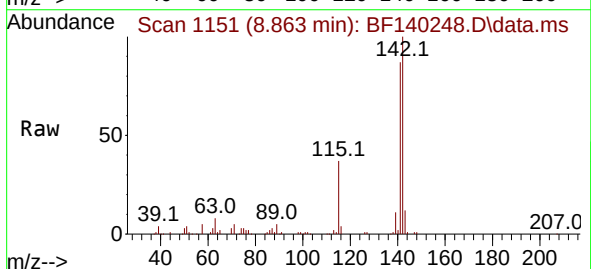
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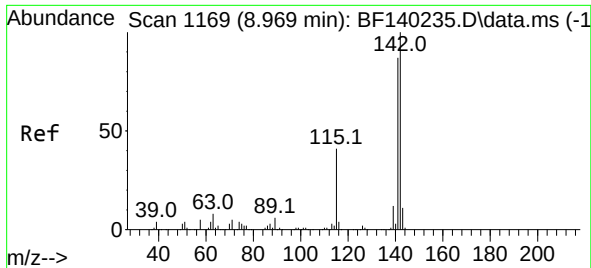
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#37
2-Methylnaphthalene
Concen: 4.017 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

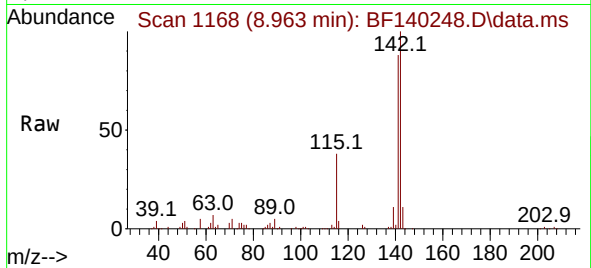
Tgt Ion:142 Resp: 92729
Ion Ratio Lower Upper
142 100
141 86.9 67.8 101.8





#38
1-Methylnaphthalene
Concen: 3.868 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

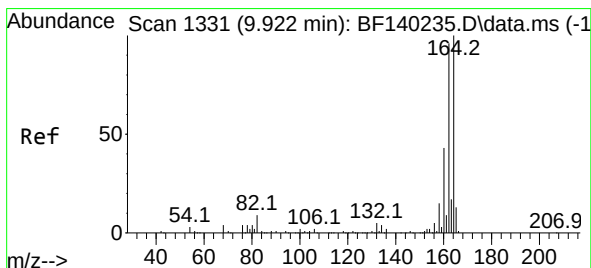
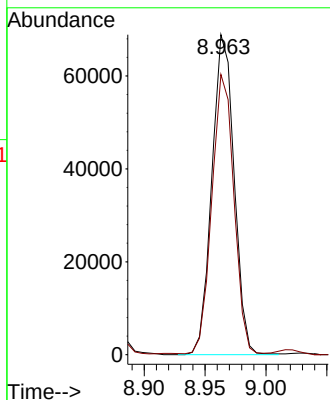
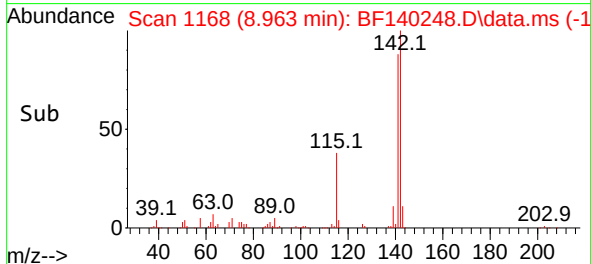
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:142 Resp: 8752
Ion Ratio Lower Upper
142 100
141 87.6 69.7 104.5

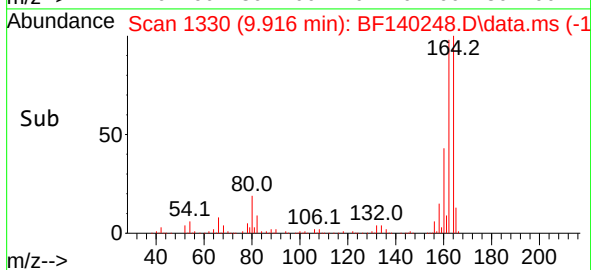
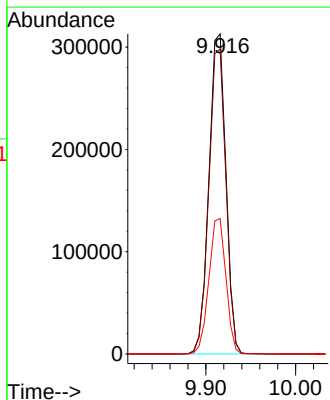
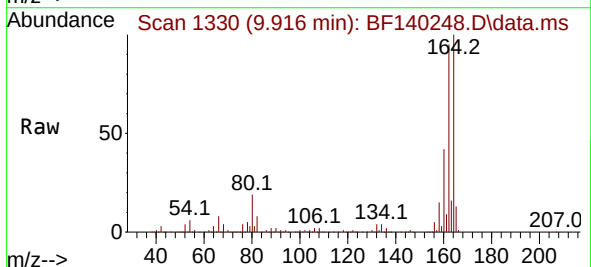
Manual Integrations
APPROVED

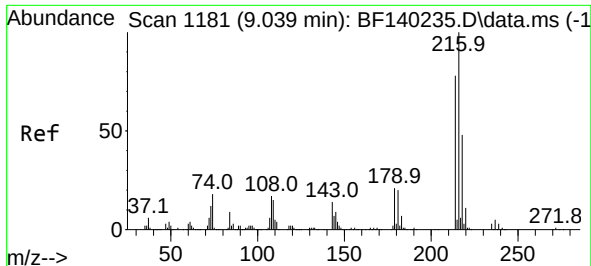
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

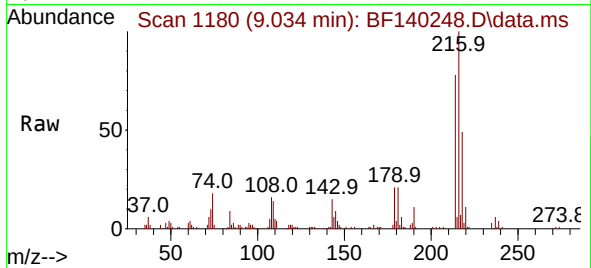
Tgt Ion:164 Resp: 412498
Ion Ratio Lower Upper
164 100
162 95.3 77.0 115.4
160 42.3 34.1 51.1





#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.920 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

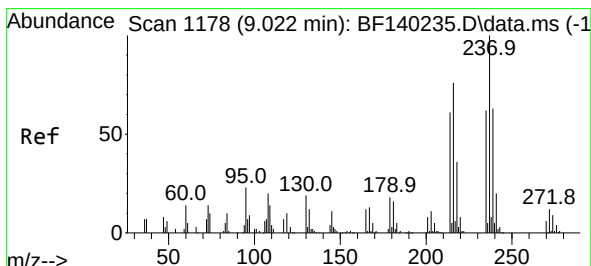
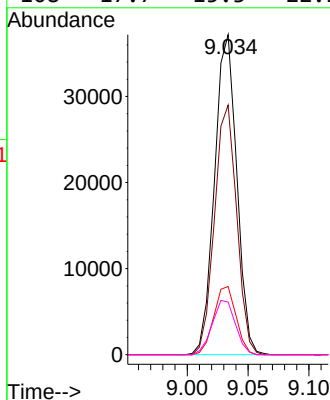
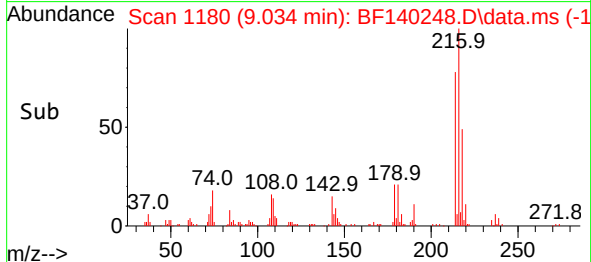
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:216 Resp: 4733
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 21.3 17.3 25.9
108 17.7 15.3 22.9

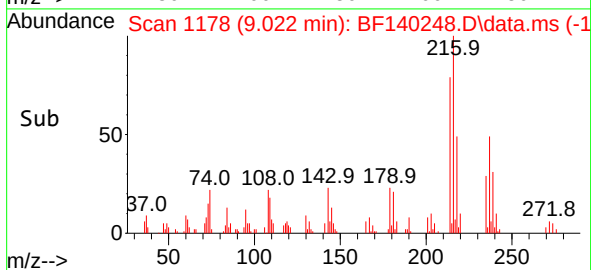
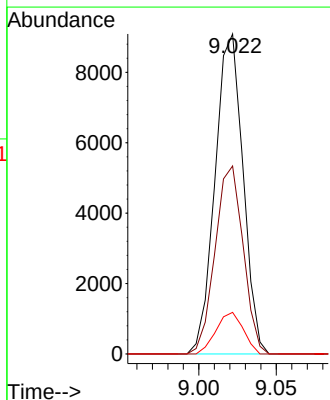
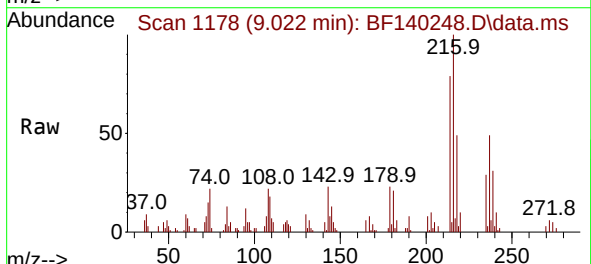
Manual Integrations
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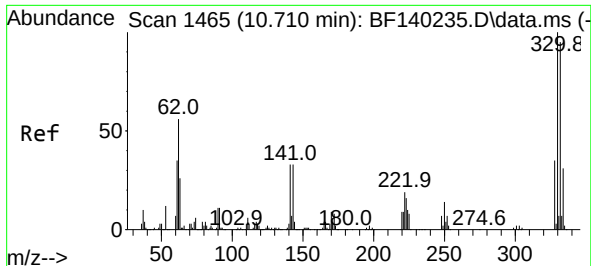
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#41
Hexachlorocyclopentadiene
Concen: 3.371 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

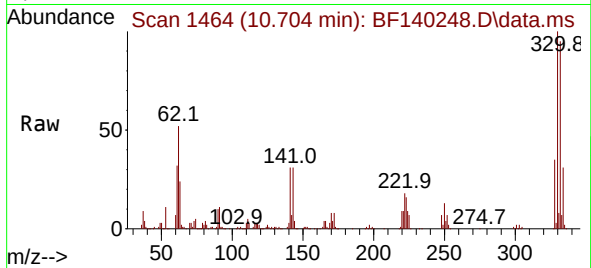
Tgt Ion:237 Resp: 11408
Ion Ratio Lower Upper
237 100
235 58.7 41.8 81.8
272 13.0 0.0 31.8





#42
2,4,6-Tribromophenol
Concen: 110.198 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

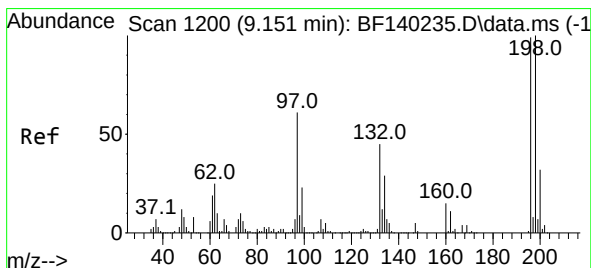
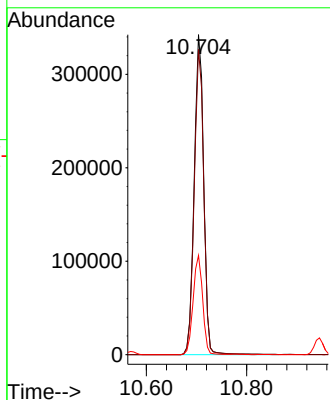
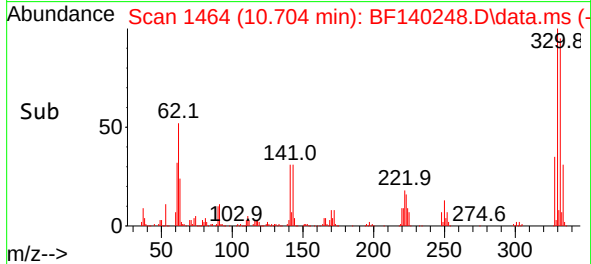
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 330 Resp: 449315
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 31.1 27.0 40.4

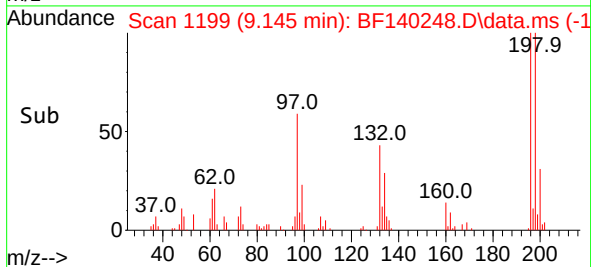
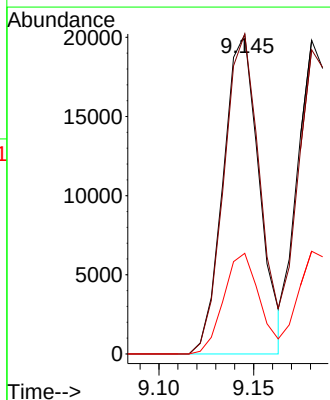
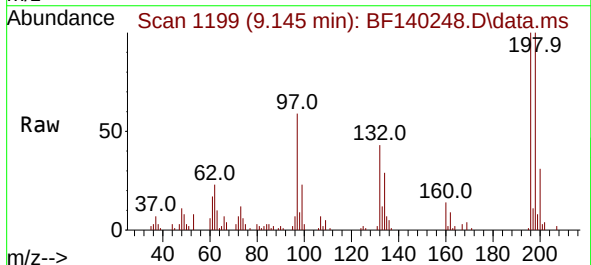
Manual Integrations
APPROVED

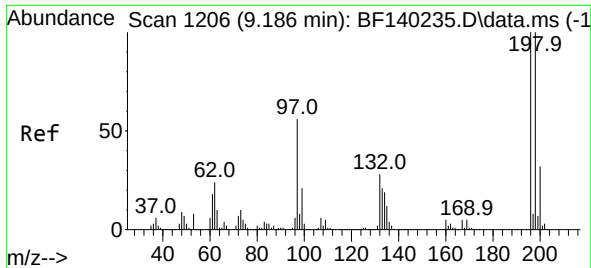
Reviewed By : Yogesh Patel 11/06/2024
Supervised By : mohammad ahmed 11/06/2024



#43
2,4,6-Trichlorophenol
Concen: 3.573 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

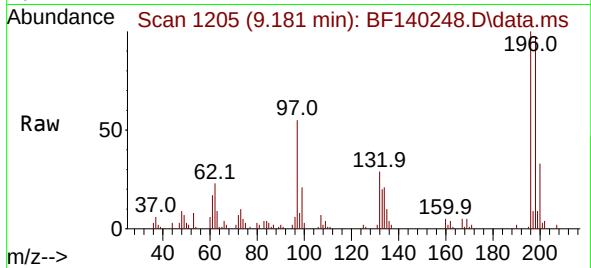
Tgt Ion: 196 Resp: 26734
Ion Ratio Lower Upper
196 100
198 100.2 80.8 121.2
200 31.5 26.0 39.0





#44
2,4,5-Trichlorophenol
Concen: 3.575 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

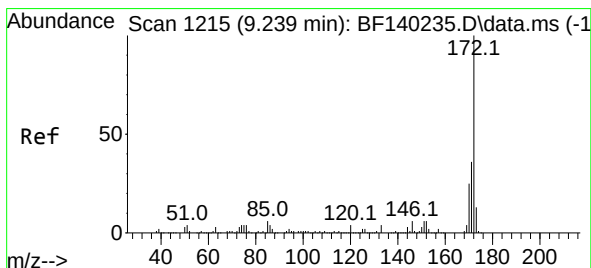
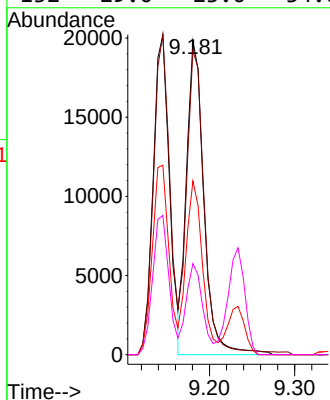
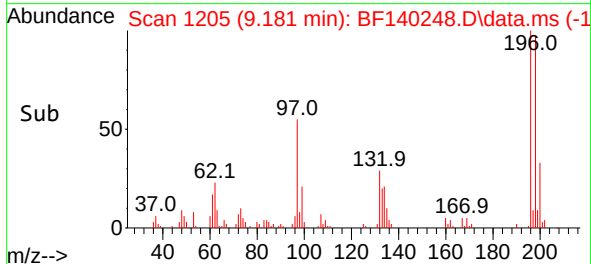
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:196 Resp: 28120
Ion Ratio Lower Upper
196 100
198 96.9 80.0 120.0
97 55.3 45.7 68.5
132 29.0 23.0 34.6

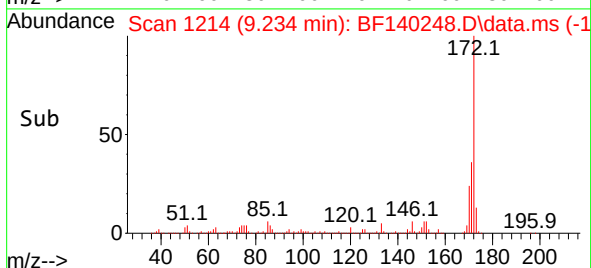
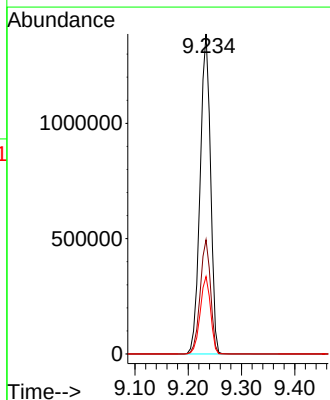
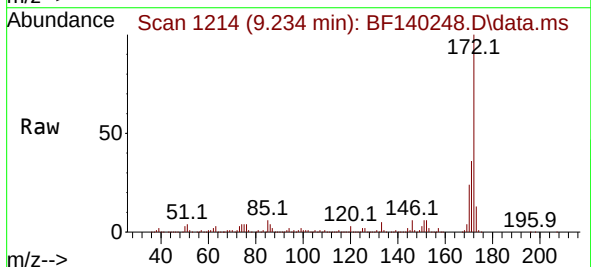
Manual Integrations
APPROVED

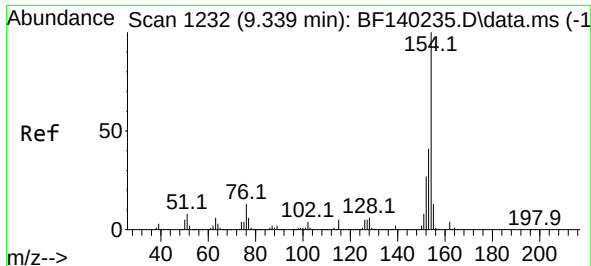
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#45
2-Fluorobiphenyl
Concen: 72.790 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

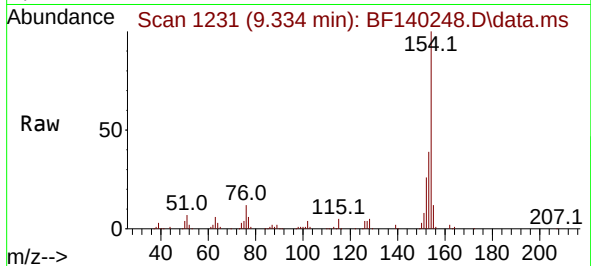
Tgt Ion:172 Resp: 1880356
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.2 19.6 29.4





#46
1,1'-Biphenyl
Concen: 4.204 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

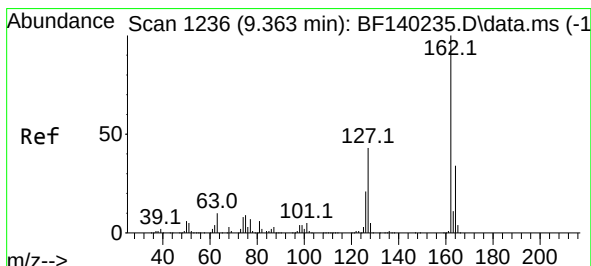
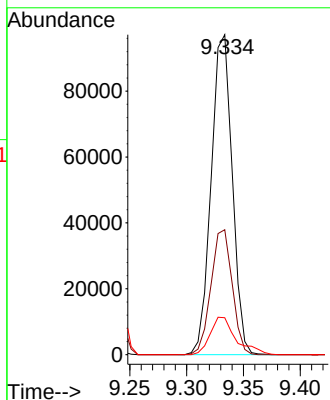
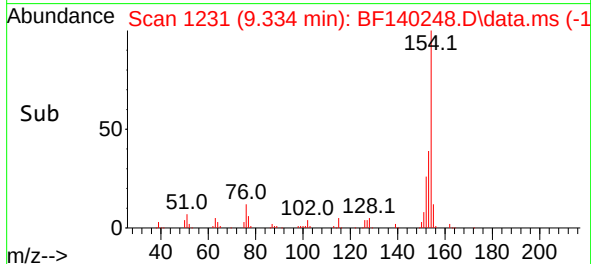
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:154 Resp: 12536
Ion Ratio Lower Upper
154 100
153 39.0 20.8 60.8
76 11.5 0.0 32.6

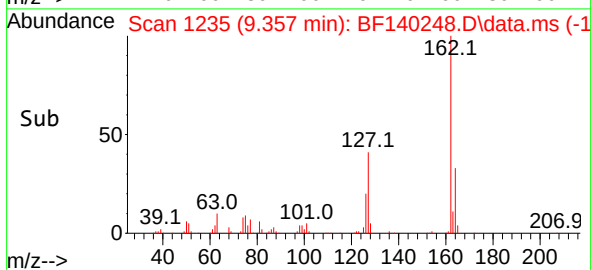
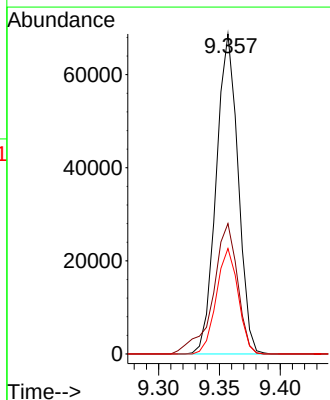
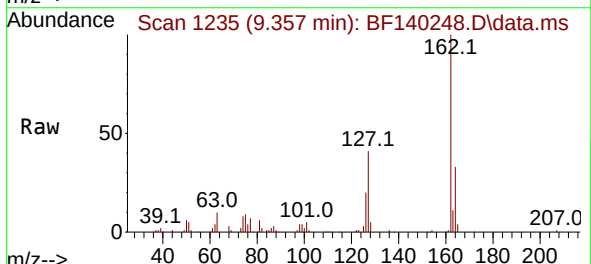
Manual Integrations
APPROVED

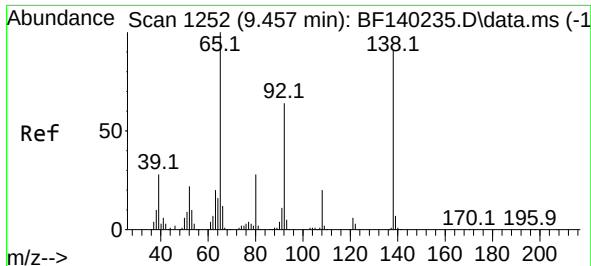
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#47
2-Chloronaphthalene
Concen: 3.832 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

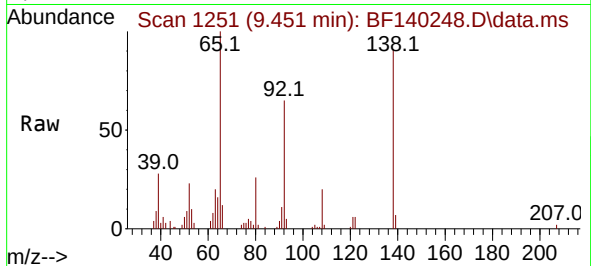
Tgt Ion:162 Resp: 85996
Ion Ratio Lower Upper
162 100
127 40.8 34.8 52.2
164 32.9 27.3 40.9





#48
2-Nitroaniline
Concen: 3.478 ng
RT: 9.451 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

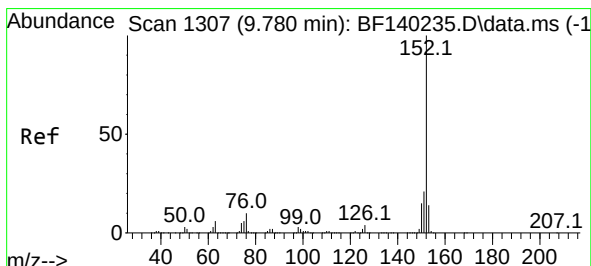
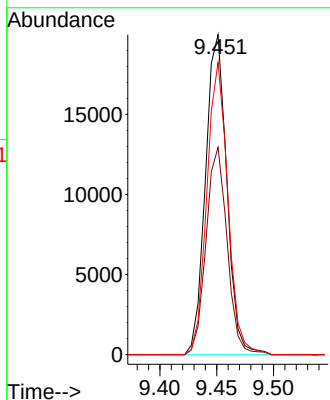
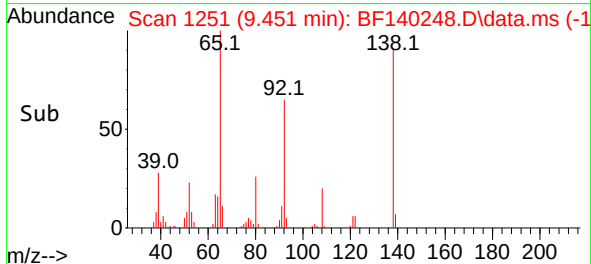
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



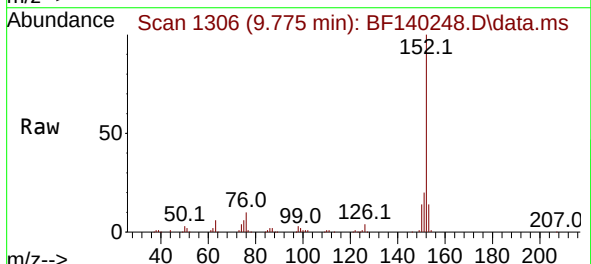
Tgt Ion: 65 Resp: 26100
Ion Ratio Lower Upper
65 100
92 64.8 51.6 77.4
138 91.3 73.0 109.6

Manual Integrations
APPROVED

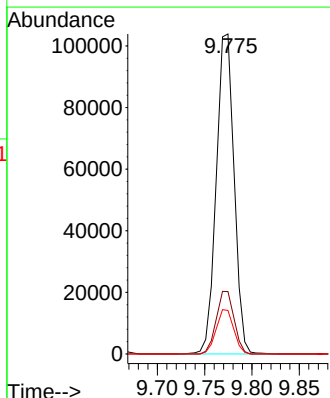
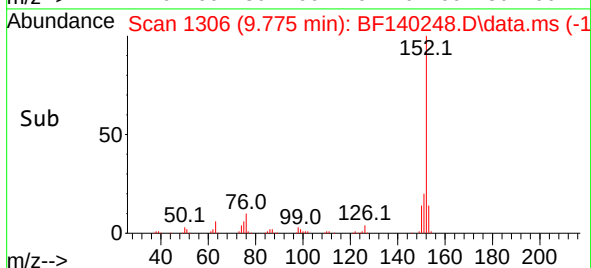
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

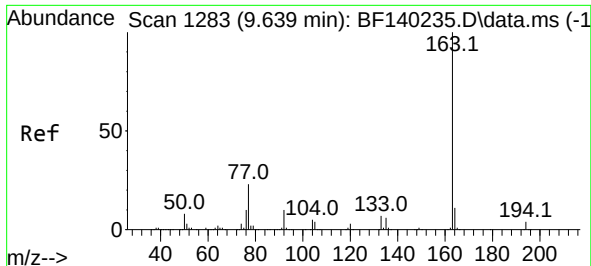


#49
Acenaphthylene
Concen: 4.298 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.005 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07



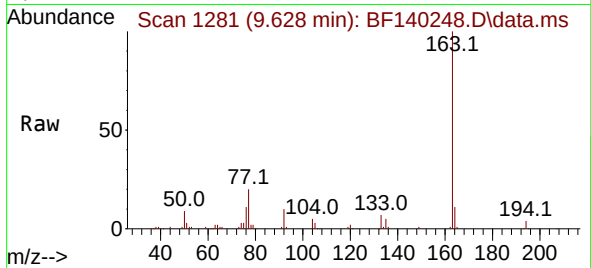
Tgt Ion:152 Resp: 136560
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6
153 13.6 11.1 16.7





#50
Dimethylphthalate
Concen: 3.998 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

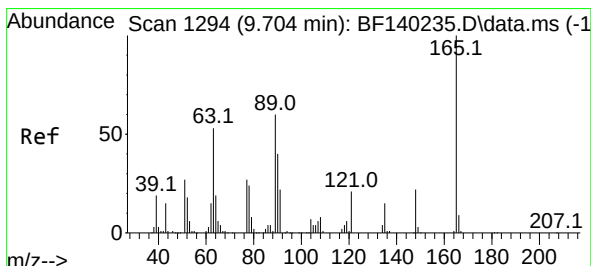
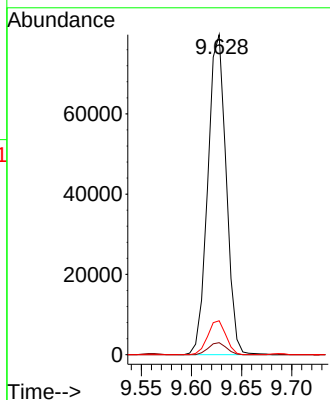
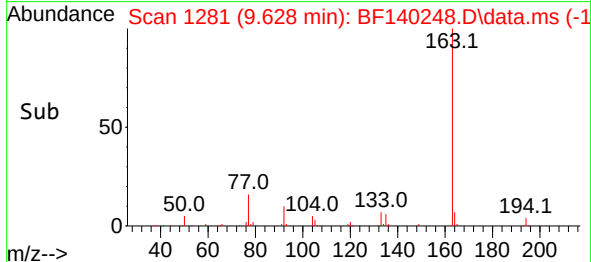
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:163 Resp: 101560
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.6 8.6 13.0

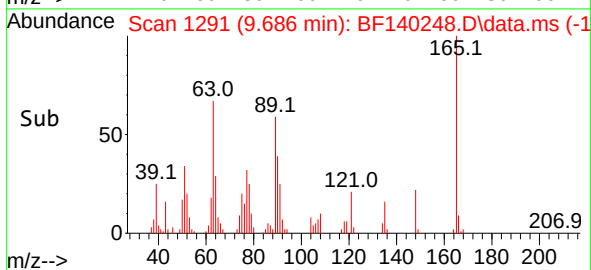
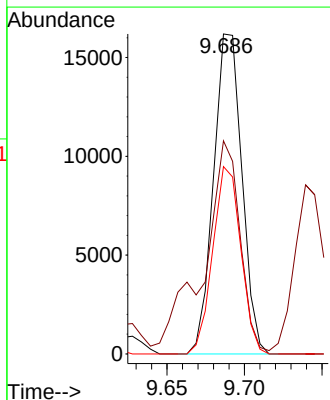
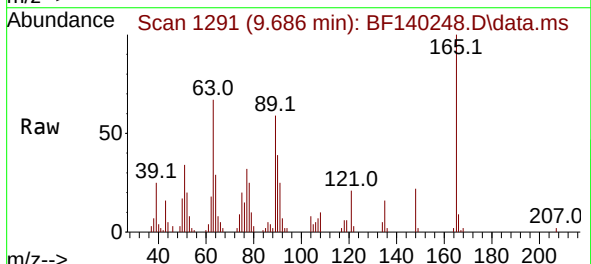
Manual Integrations
APPROVED

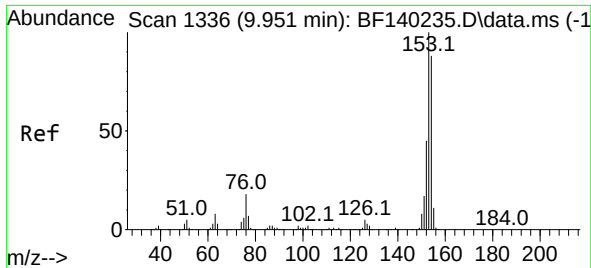
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#51
2,6-Dinitrotoluene
Concen: 3.454 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

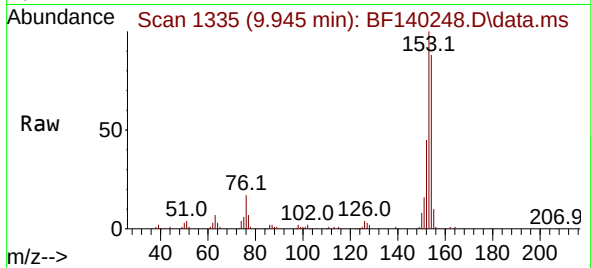
Tgt Ion:165 Resp: 20627
Ion Ratio Lower Upper
165 100
63 66.6 48.8 73.2
89 58.5 48.1 72.1





#52
Acenaphthene
Concen: 3.744 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

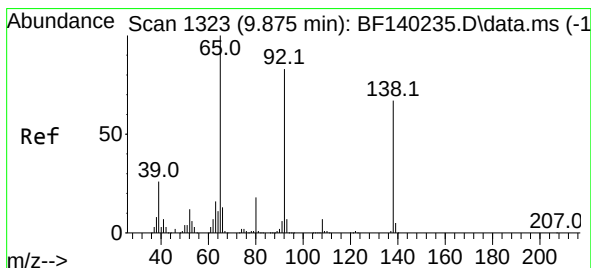
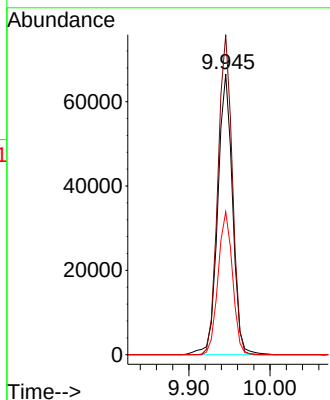
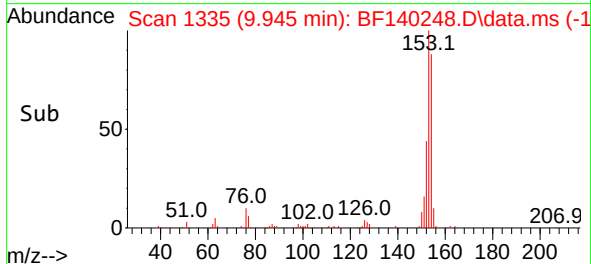
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:154 Resp: 84369
Ion Ratio Lower Upper
154 100
153 114.0 91.3 136.9
152 50.9 41.4 62.2

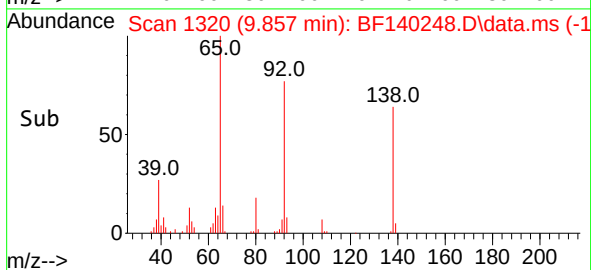
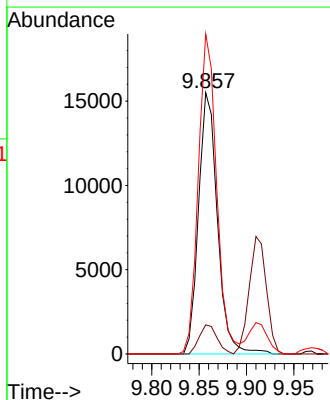
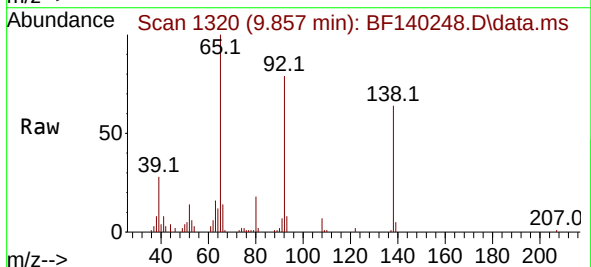
Manual Integrations
APPROVED

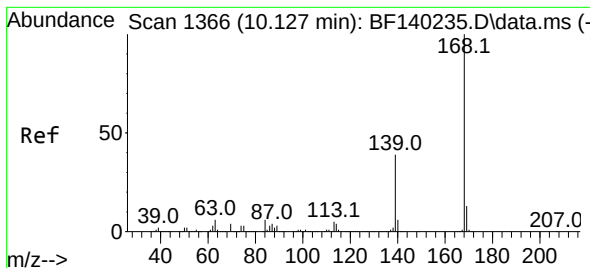
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#53
3-Nitroaniline
Concen: 3.825 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.018 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

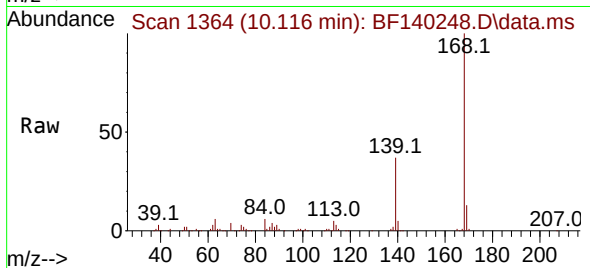
Tgt Ion:138 Resp: 21510
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 122.5 100.0 150.0





#55
Dibenzenofuran
Concen: 4.094 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

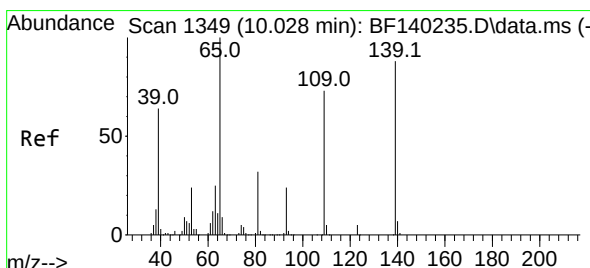
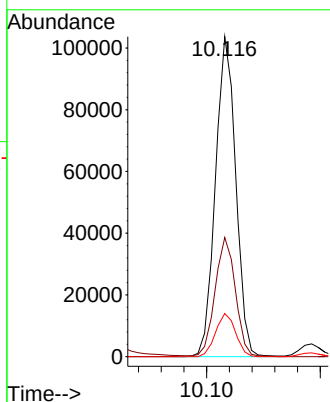
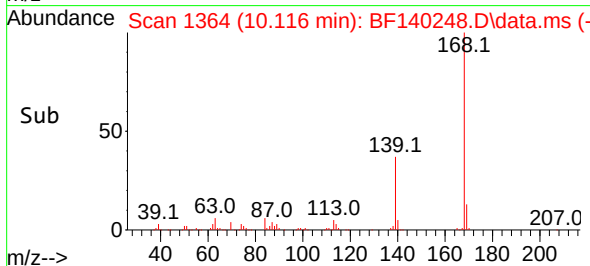
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:168 Resp: 12902
Ion Ratio Lower Upper
168 100
139 37.2 31.5 47.3
169 13.5 10.6 15.8

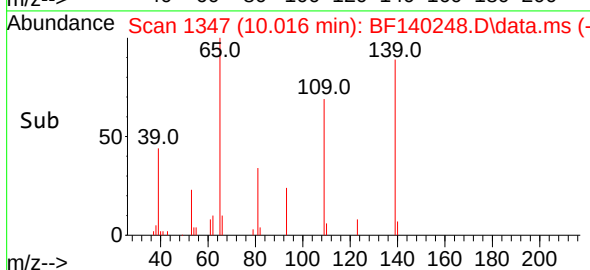
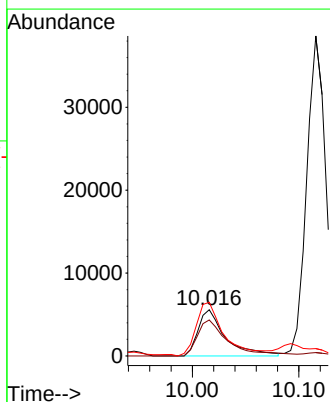
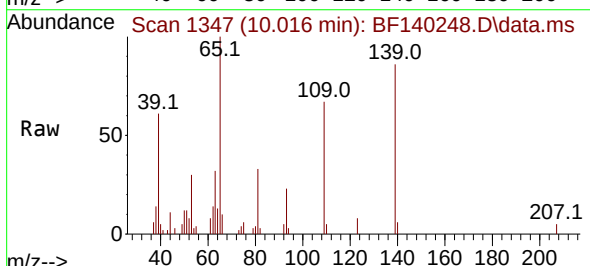
Manual Integrations
APPROVED

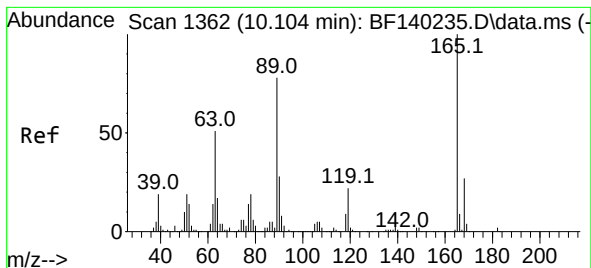
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#56
4-Nitrophenol
Concen: 2.526 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:139 Resp: 9987
Ion Ratio Lower Upper
139 100
109 77.8 63.8 103.8
65 115.9 94.7 134.7





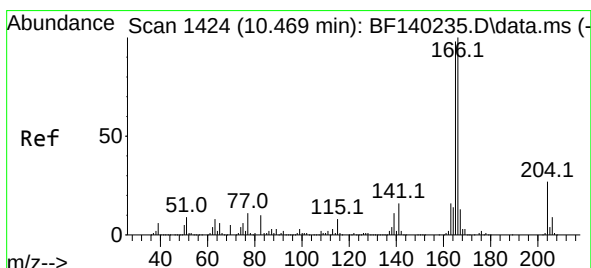
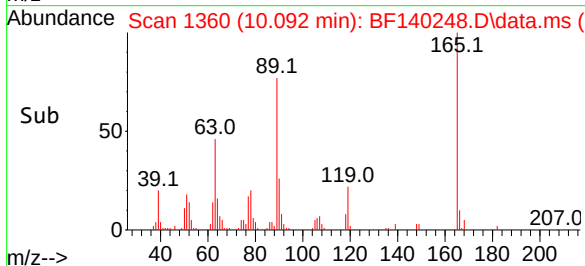
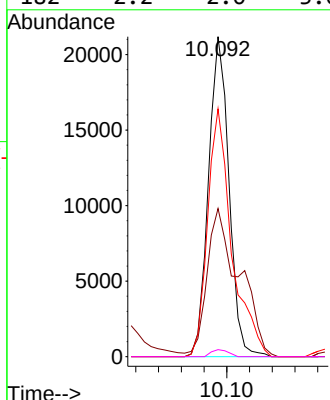
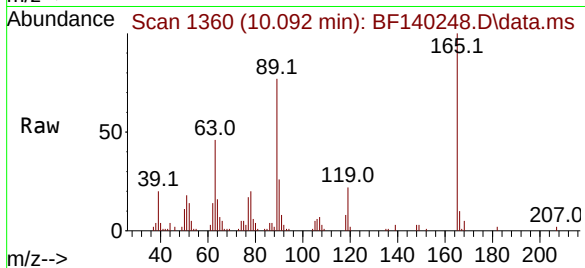
#57
2,4-Dinitrotoluene
Concen: 3.417 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

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

Tgt Ion:165 Resp: 2648
Ion Ratio Lower Upper
165 100
63 46.3 41.3 61.9
89 77.5 62.6 94.0
182 2.2 2.0 3.0

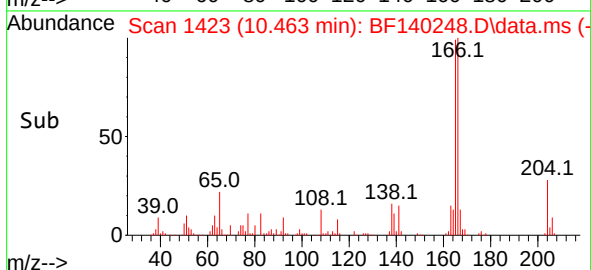
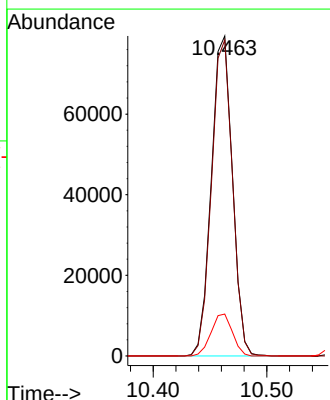
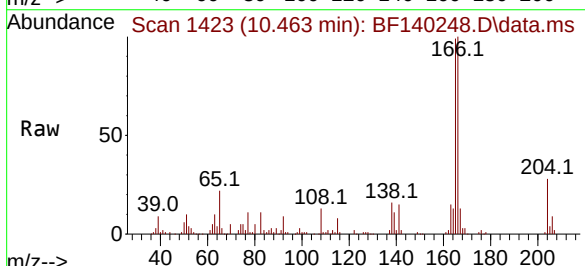
Manual Integrations
APPROVED

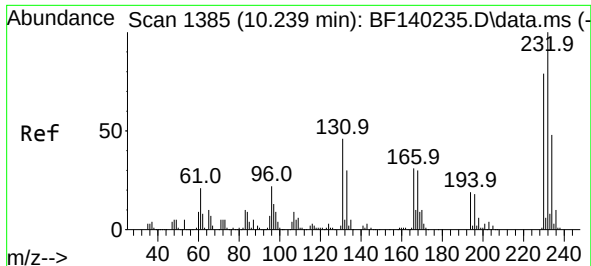
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#58
Fluorene
Concen: 4.087 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

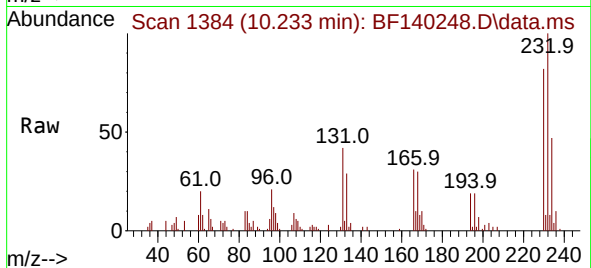
Tgt Ion:166 Resp: 102515
Ion Ratio Lower Upper
166 100
165 98.7 78.7 118.1
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.723 ng m
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

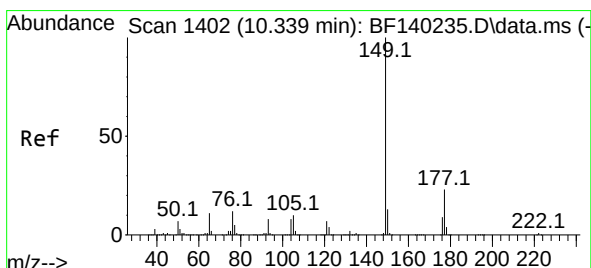
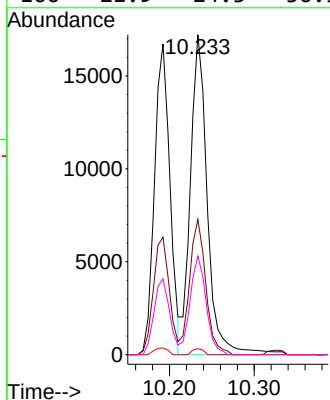
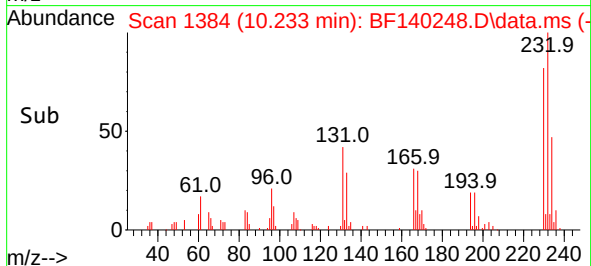
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:232 Resp: 23991
Ion Ratio Lower Upper
232 100
131 34.8 37.2 55.8
130 1.7 1.8 2.8
166 21.9 24.3 36.5#

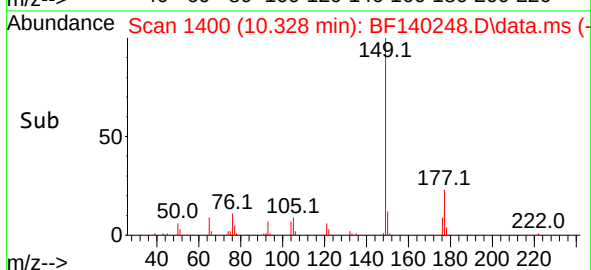
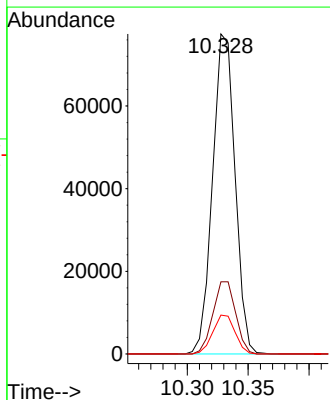
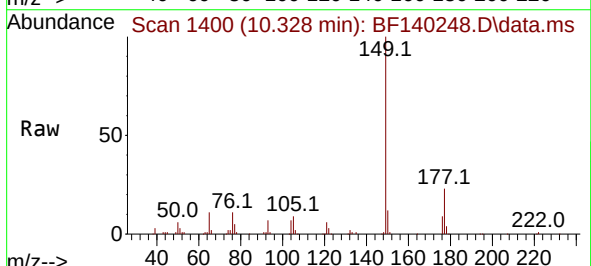
Manual Integrations
APPROVED

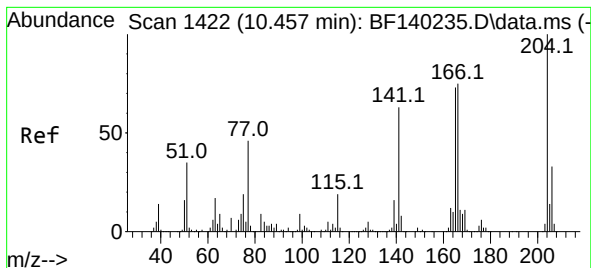
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#60
Diethylphthalate
Concen: 3.939 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:149 Resp: 99442
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.1 10.2 15.4





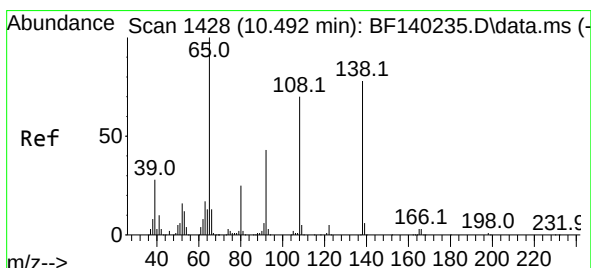
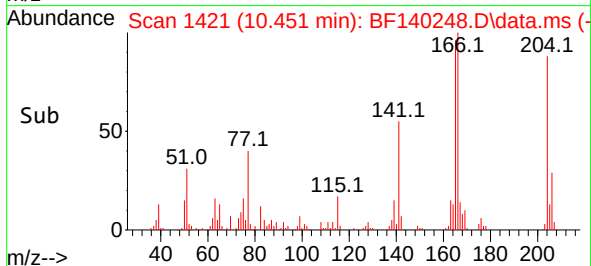
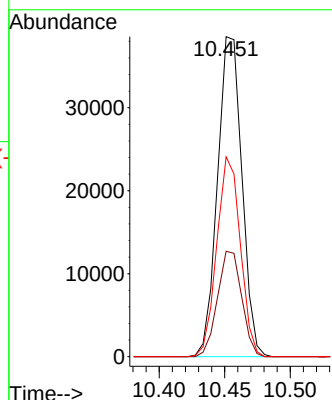
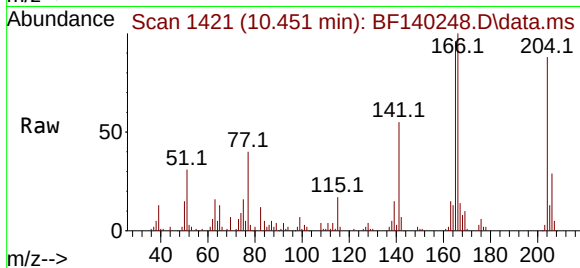
#61
4-Chlorophenyl-phenylether
Concen: 3.954 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

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

Tgt Ion:204 Resp: 49989
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 62.4 50.3 75.5

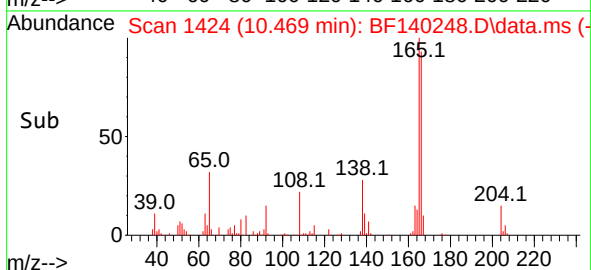
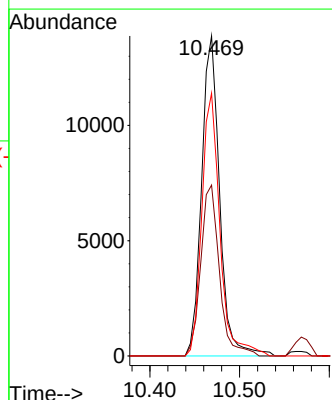
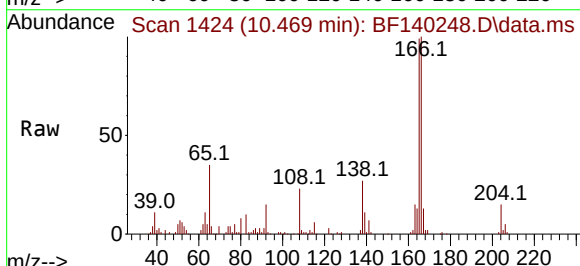
Manual Integrations
APPROVED

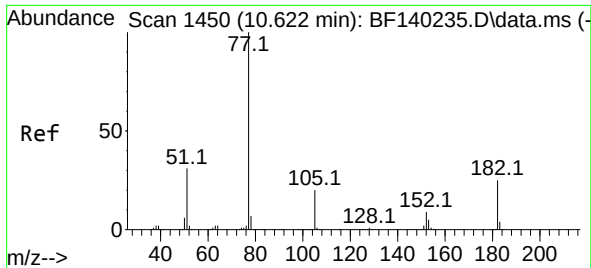
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#62
4-Nitroaniline
Concen: 3.464 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.023 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

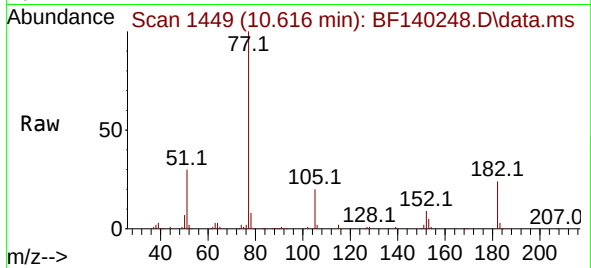
Tgt Ion:138 Resp: 19353
Ion Ratio Lower Upper
138 100
92 53.4 35.3 75.3
108 82.1 70.1 110.1





#63
Azobenzene
Concen: 4.033 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

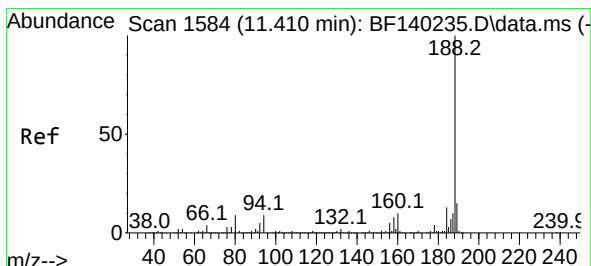
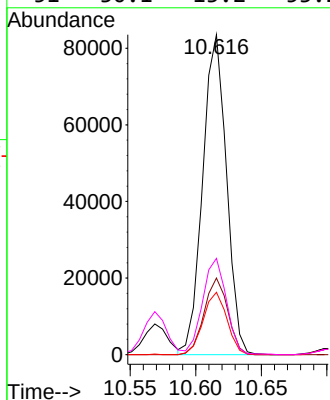
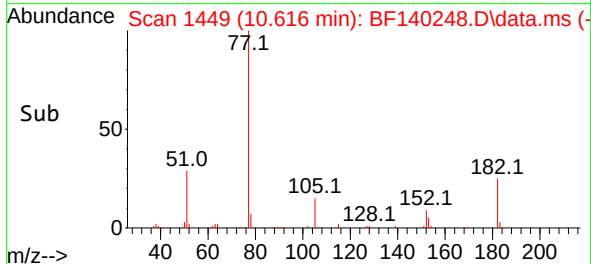
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 105534
Ion Ratio Lower Upper
77 100
182 24.0 4.7 44.7
105 19.5 0.0 40.0
51 30.1 13.2 53.2

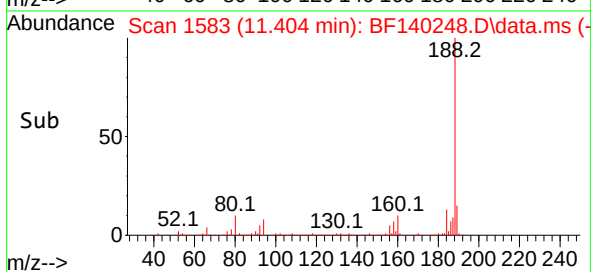
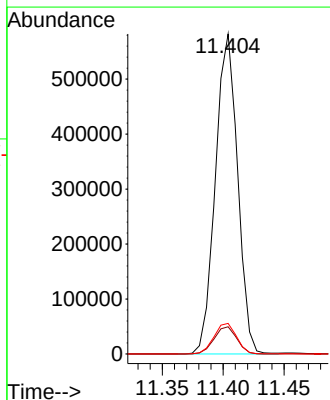
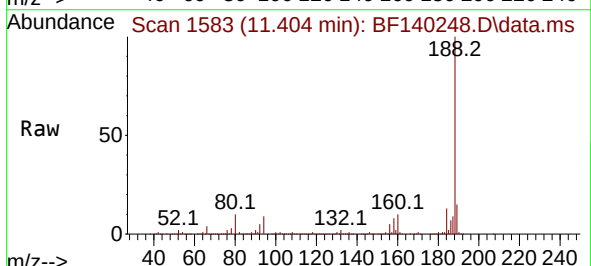
Manual Integrations
APPROVED

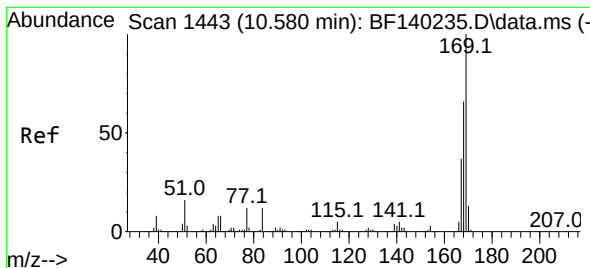
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:188 Resp: 739734
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.6 7.5 11.3





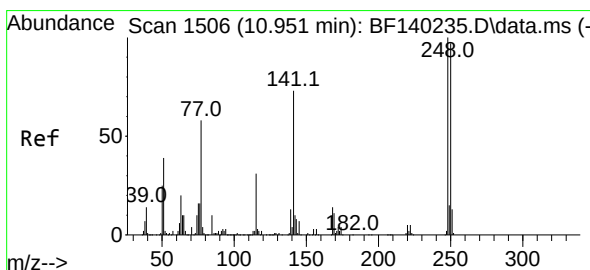
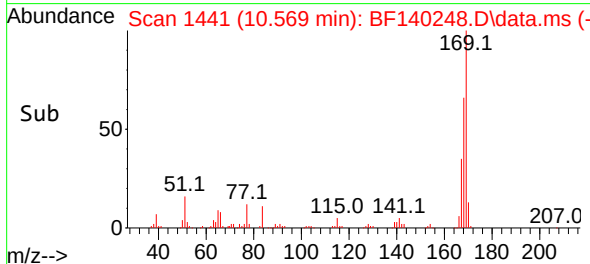
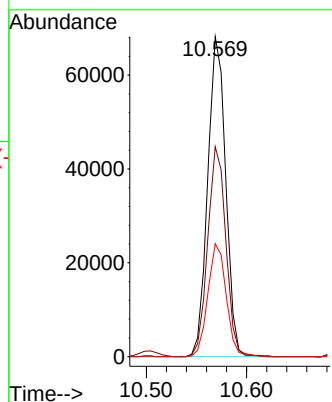
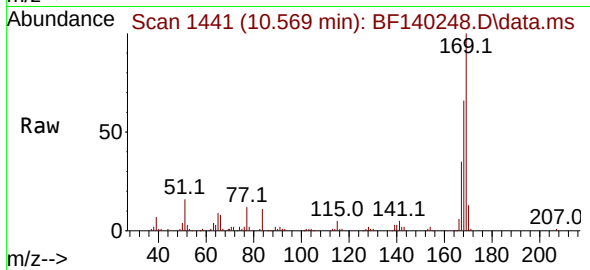
#66
n-Nitrosodiphenylamine
Concen: 4.005 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

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

Tgt Ion:169 Resp: 8522
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.6
167 35.3 29.4 44.2

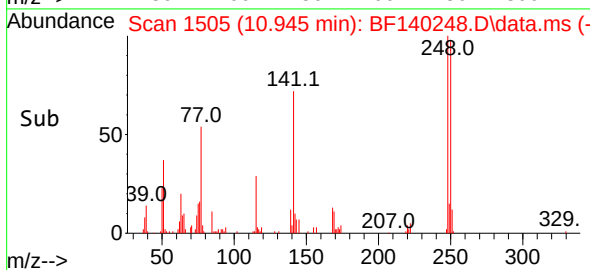
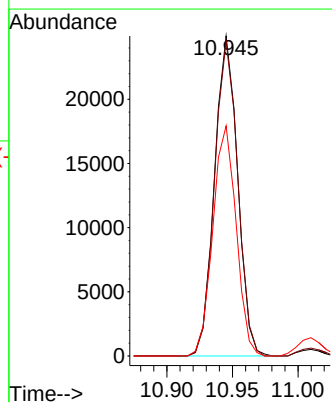
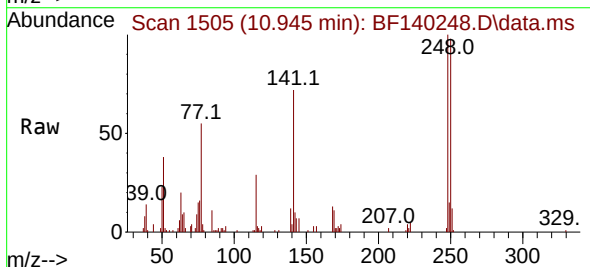
Manual Integrations
APPROVED

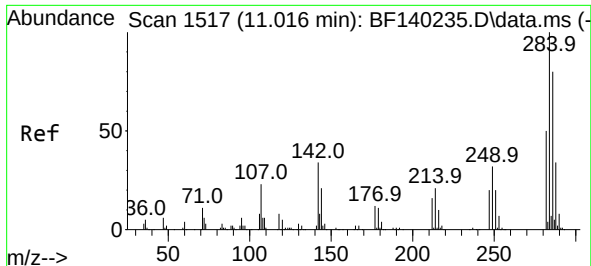
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#67
4-Bromophenyl-phenylether
Concen: 3.840 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

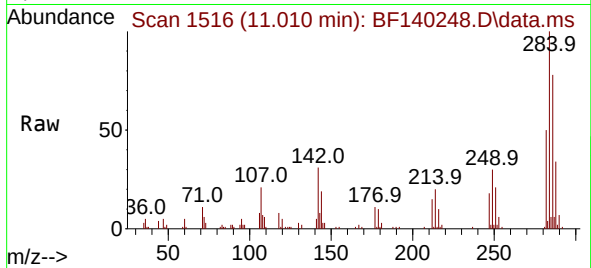
Tgt Ion:248 Resp: 30588
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 71.9 58.6 88.0





#68
Hexachlorobenzene
Concen: 3.868 ng
RT: 11.010 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

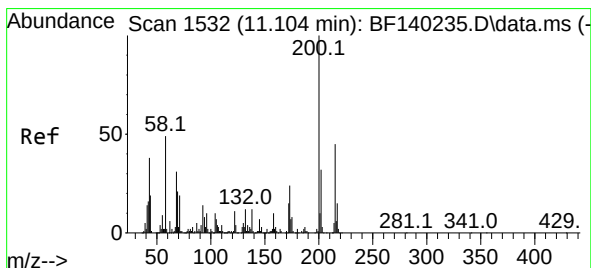
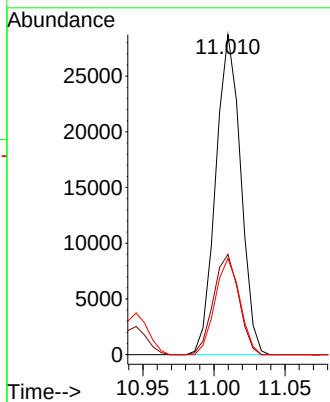
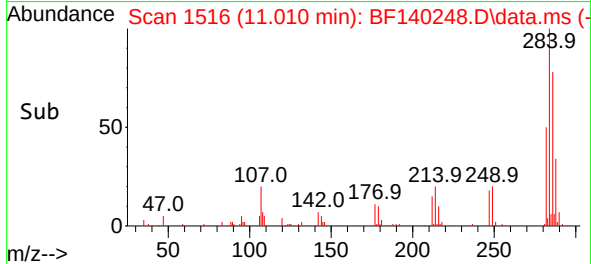
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:284 Resp: 35119
Ion Ratio Lower Upper
284 100
142 31.4 27.5 41.3
249 30.1 26.2 39.2

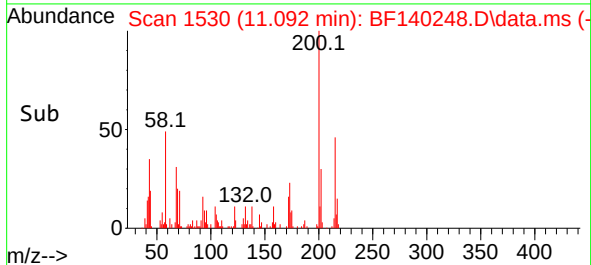
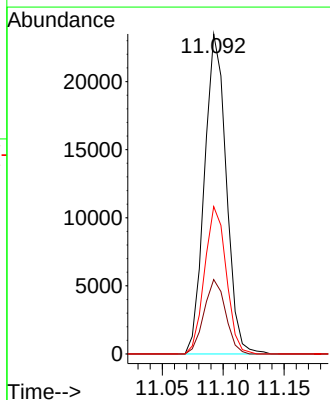
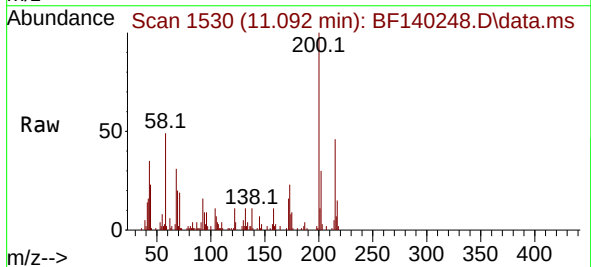
Manual Integrations
APPROVED

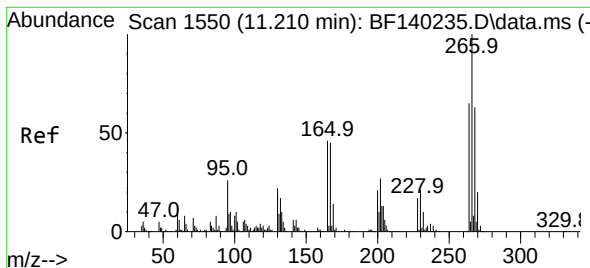
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#69
Atrazine
Concen: 5.002 ng
RT: 11.092 min Scan# 1530
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:200 Resp: 29118
Ion Ratio Lower Upper
200 100
173 23.2 4.4 44.4
215 46.1 25.2 65.2





#70

Pentachlorophenol

Concen: 2.182 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

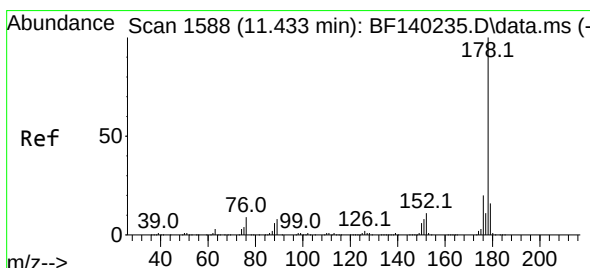
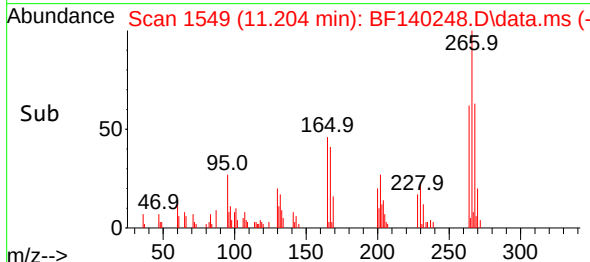
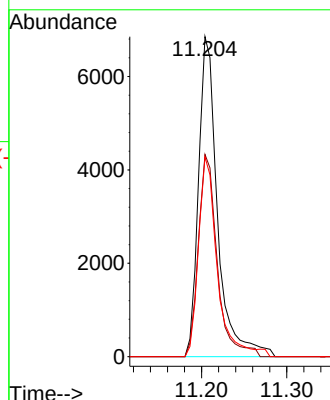
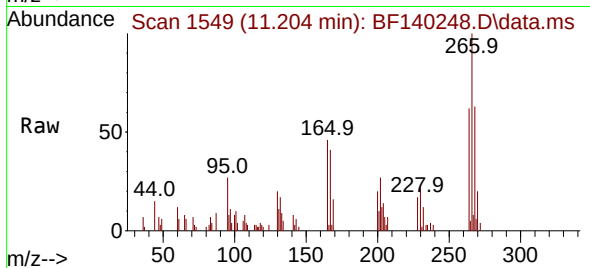
Tgt Ion:	266	Resp:	10639
Ion Ratio	Lower	Upper	
266	100		
268	63.2	50.2	75.4
264	62.4	52.2	78.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#71

Phenanthrene

Concen: 4.237 ng

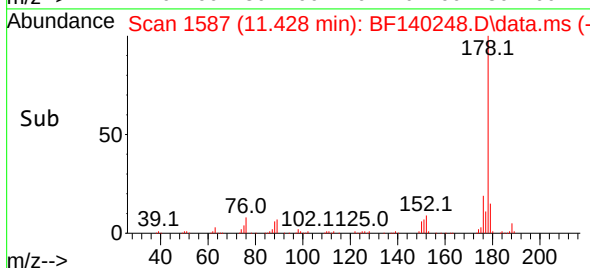
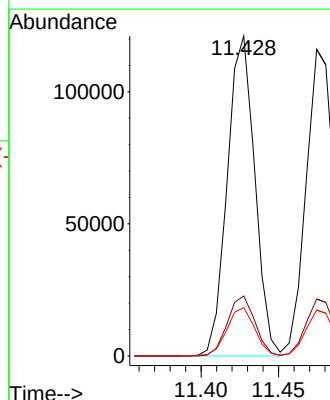
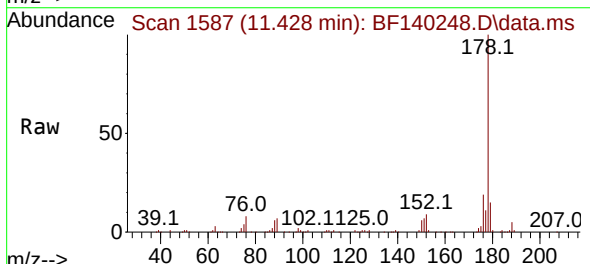
RT: 11.428 min Scan# 1587

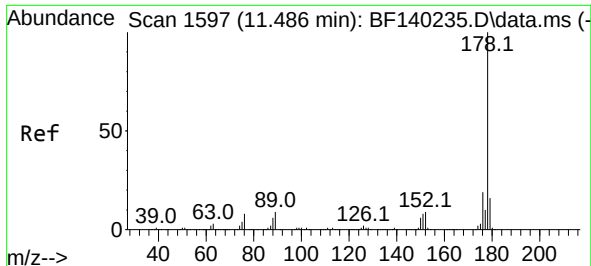
Delta R.T. -0.006 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

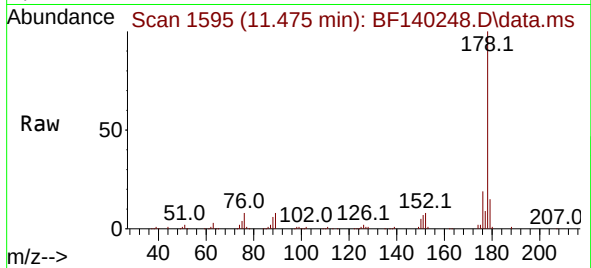
Tgt Ion:	178	Resp:	149572
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.9	23.9
179	15.1	12.6	18.8





#72
 Anthracene
 Concen: 4.303 ng
 RT: 11.475 min Scan# 1148
 Delta R.T. -0.012 min
 Lab File: BF140248.D
 Acq: 05 Nov 2024 20:07

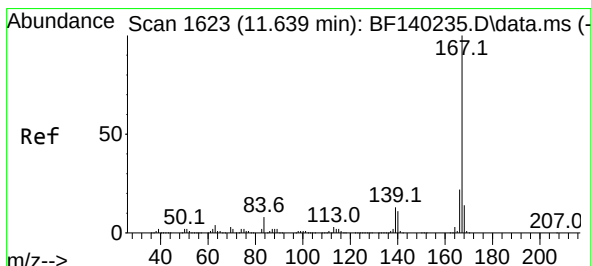
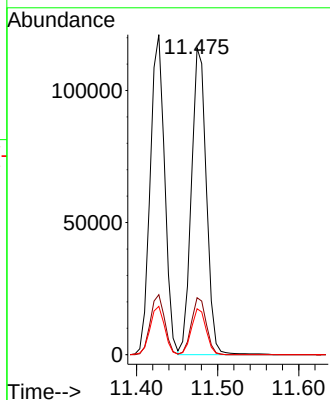
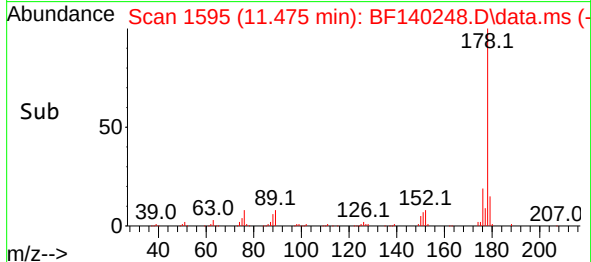
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



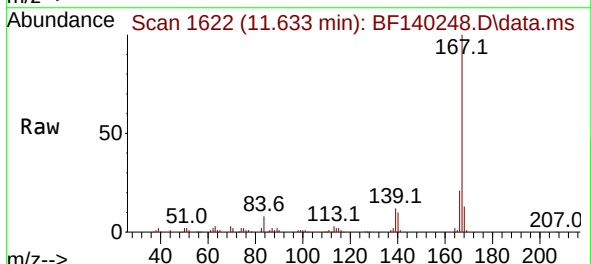
Tgt Ion:178 Resp: 14896
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.0 12.7 19.1

Manual Integrations
 APPROVED

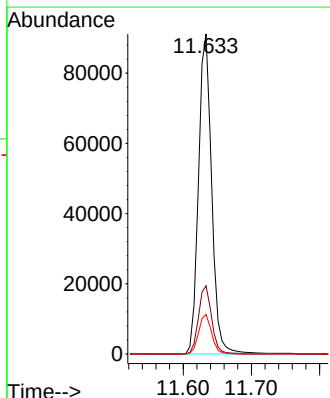
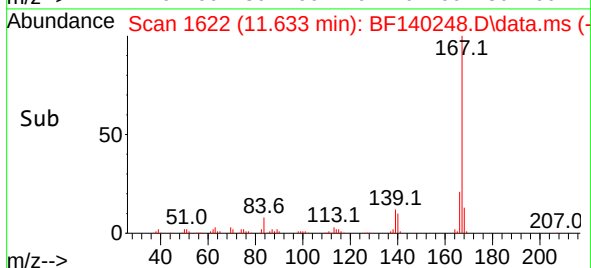
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

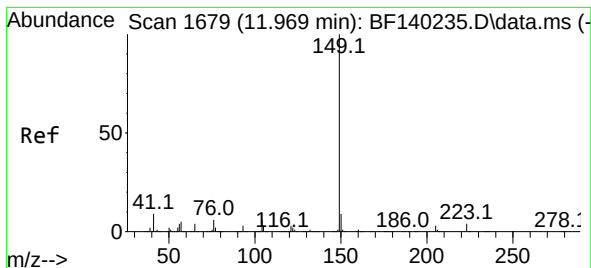


#73
 Carbazole
 Concen: 3.876 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140248.D
 Acq: 05 Nov 2024 20:07



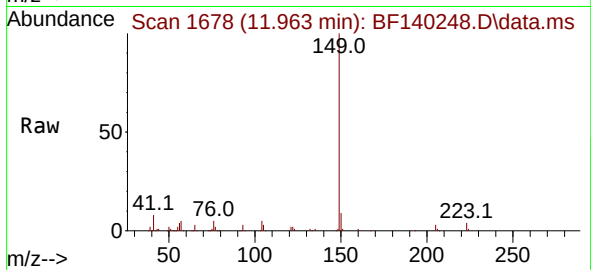
Tgt Ion:167 Resp: 122589
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 12.3 10.7 16.1





#74
Di-n-butylphthalate
Concen: 3.886 ng
RT: 11.963 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

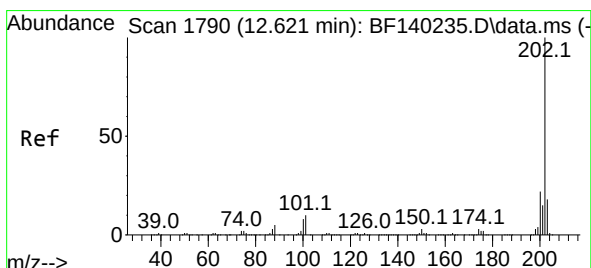
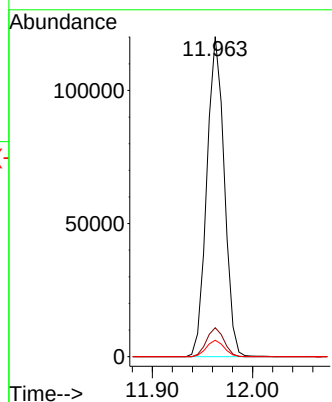
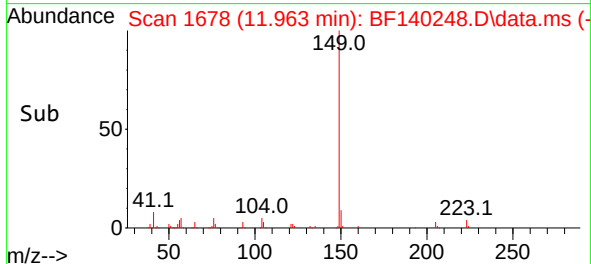
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



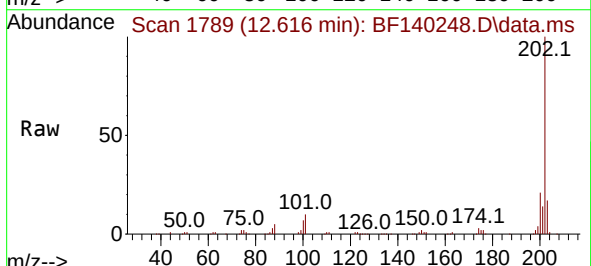
Tgt Ion:149 Resp: 14550
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.2 4.5 6.7

Manual Integrations
APPROVED

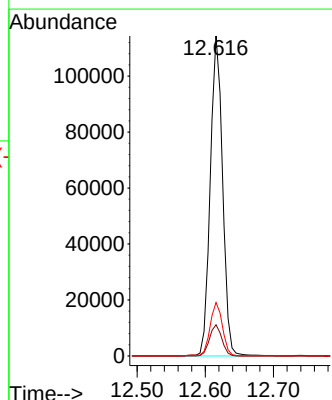
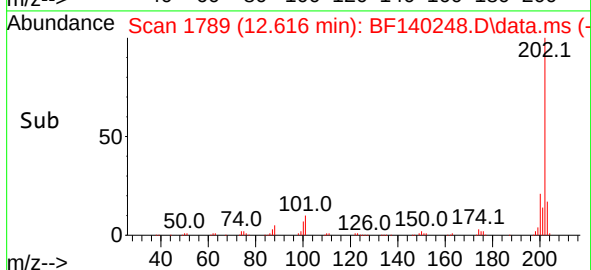
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

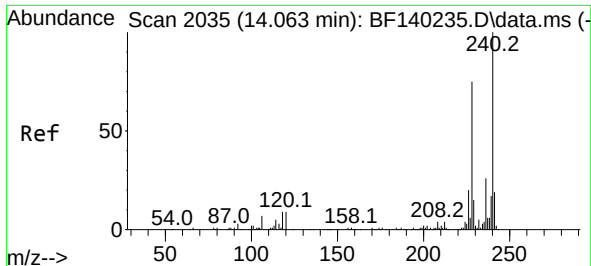


#75
Fluoranthene
Concen: 3.894 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07



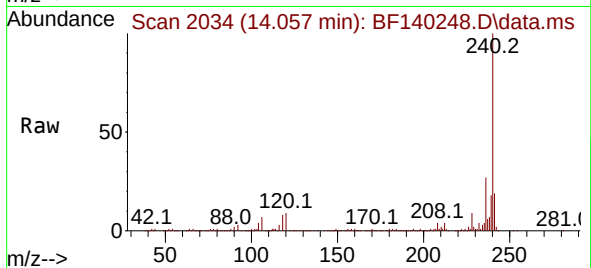
Tgt Ion:202 Resp: 143742
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.4
203 16.7 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

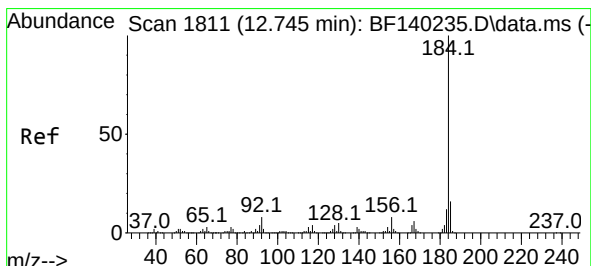
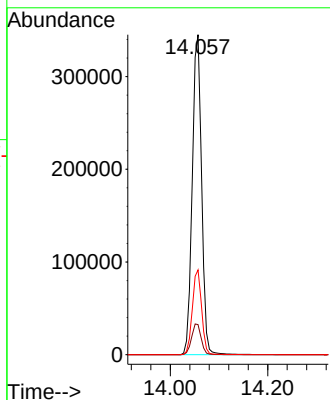
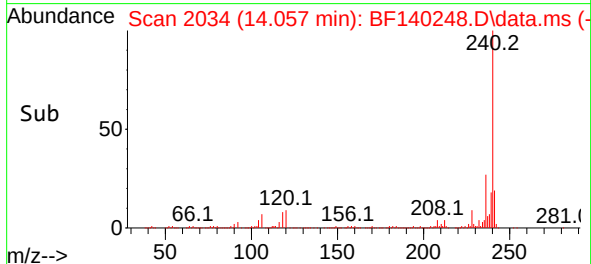
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:240 Resp: 46255
Ion Ratio Lower Upper
240 100
120 9.4 7.5 11.3
236 26.5 20.9 31.3

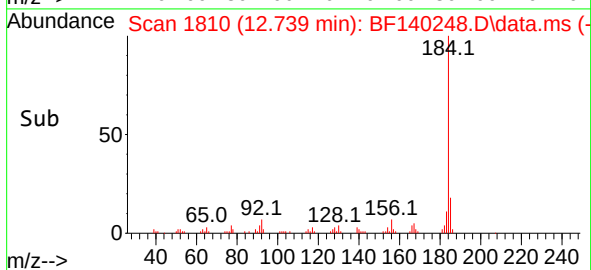
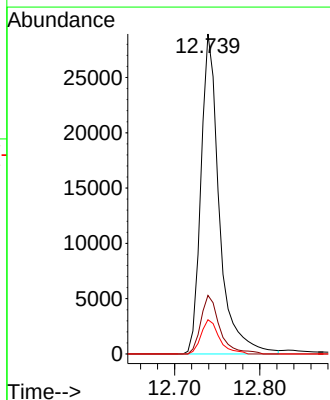
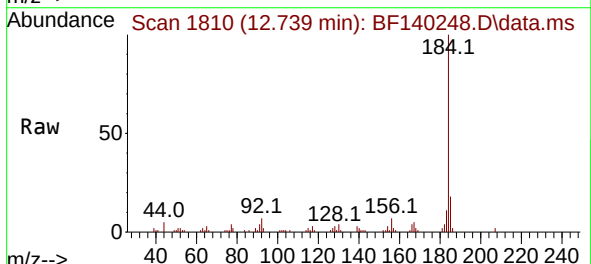
Manual Integrations
APPROVED

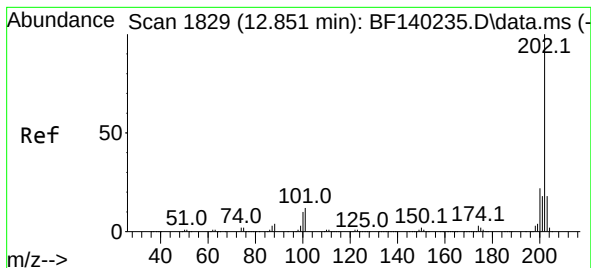
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#77
Benzidine
Concen: 4.792 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:184 Resp: 43342
Ion Ratio Lower Upper
184 100
185 18.3 12.5 18.7
183 10.7 9.3 13.9





#78

Pyrene

Concen: 3.895 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

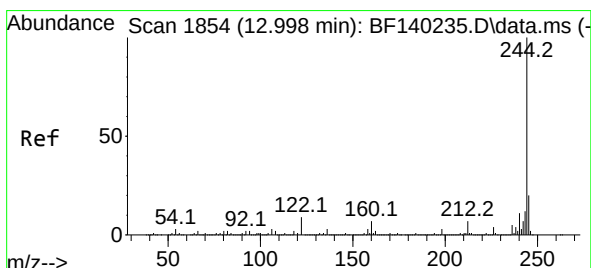
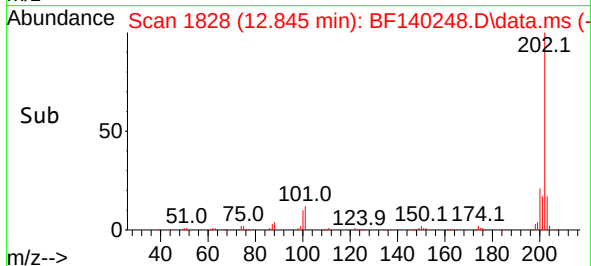
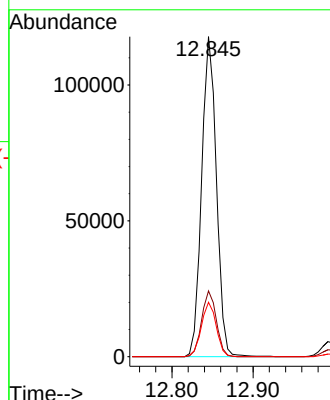
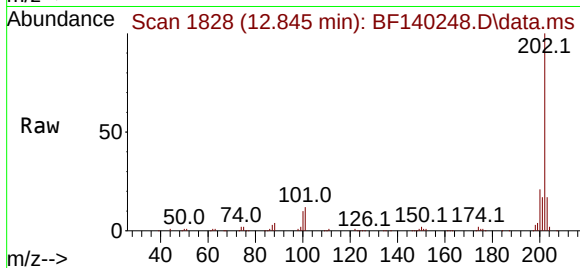
Tgt Ion:202 Resp: 148750
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.5 26.3
 203 17.0 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#79

Terphenyl-d14

Concen: 74.917 ng

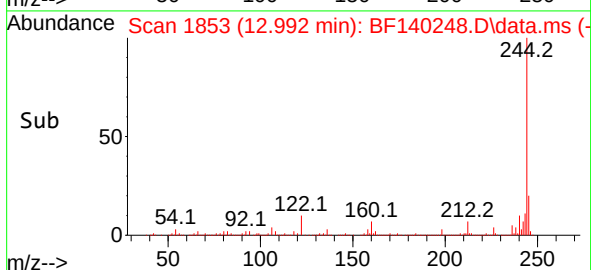
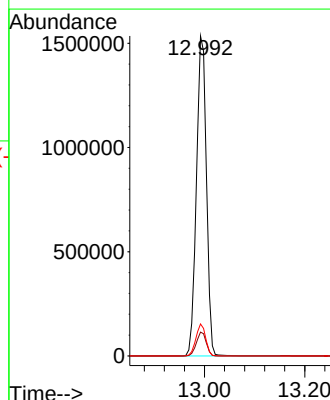
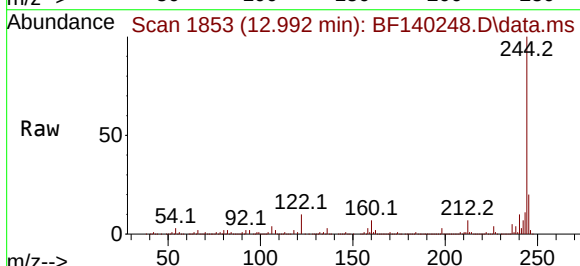
RT: 12.992 min Scan# 1853

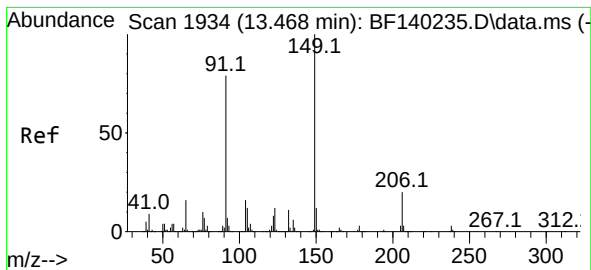
Delta R.T. -0.006 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

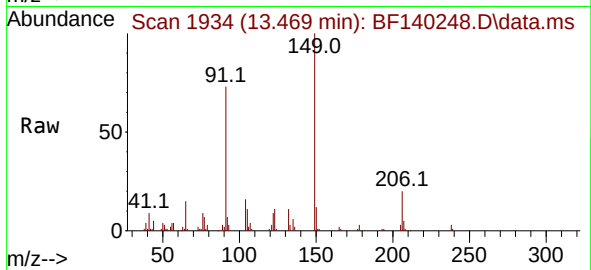
Tgt Ion:244 Resp: 2115426
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.0 7.6 11.4





#80
Butylbenzylphthalate
Concen: 3.436 ng
RT: 13.469 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

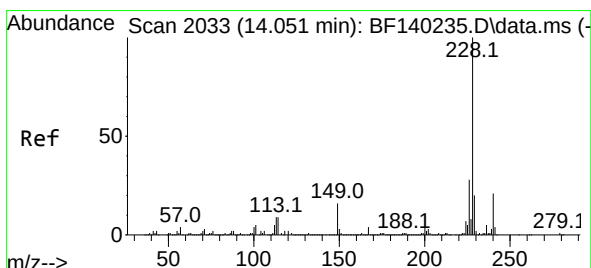
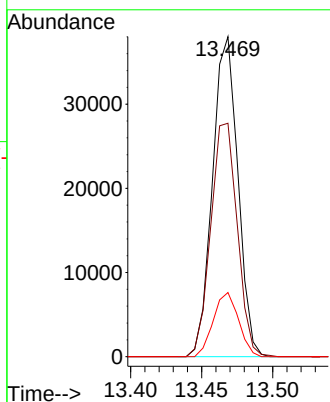
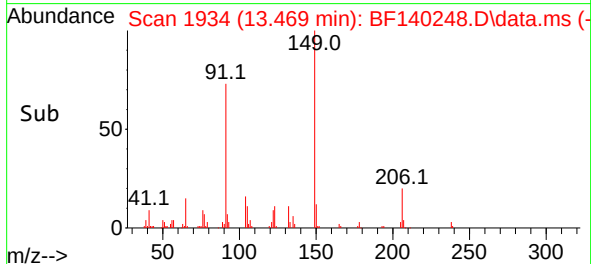
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:149 Resp: 4725
Ion Ratio Lower Upper
149 100
91 73.0 63.0 94.4
206 20.1 16.4 24.6

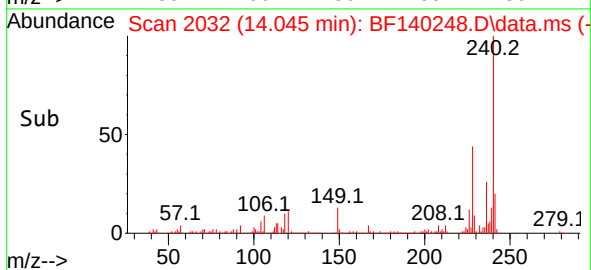
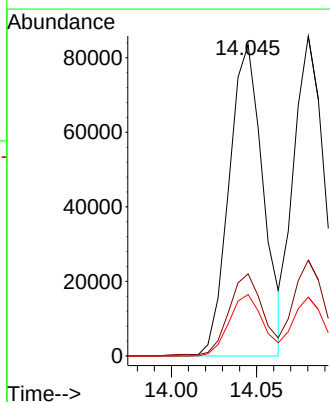
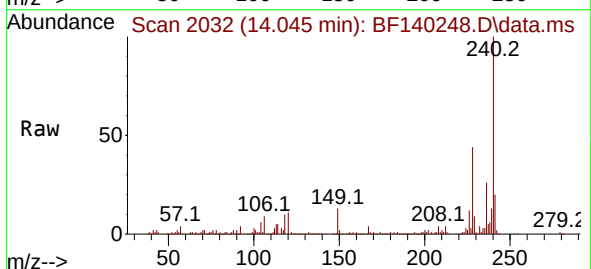
Manual Integrations
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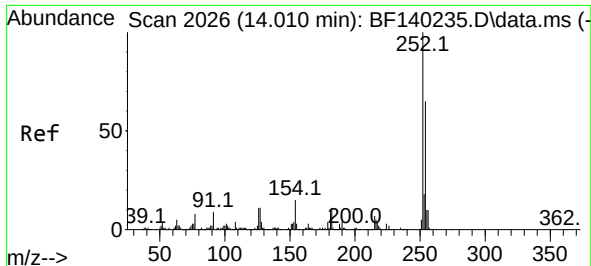
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#81
Benzo(a)anthracene
Concen: 3.925 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

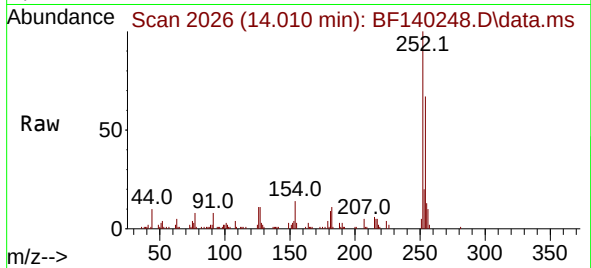
Tgt Ion:228 Resp: 116524
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.8 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 3.382 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

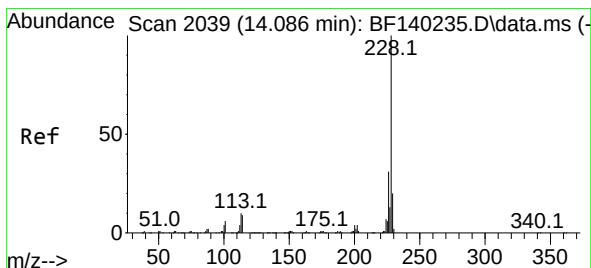
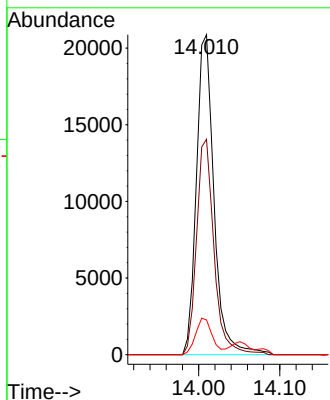
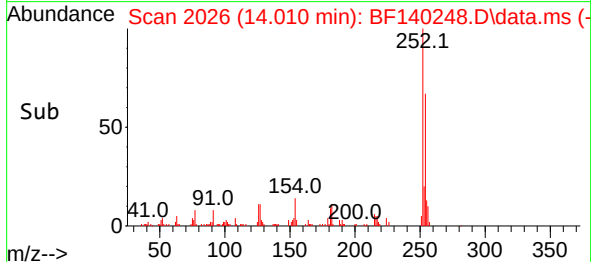
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 3153
Ion Ratio Lower Upper
252 100
254 67.3 51.8 77.8
126 10.8 8.6 12.8

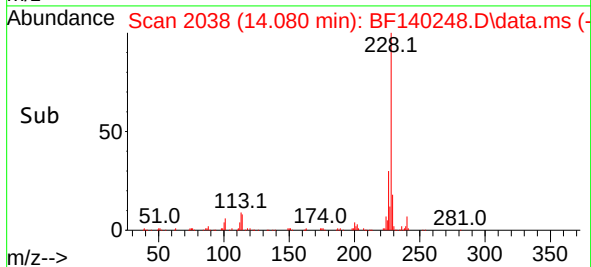
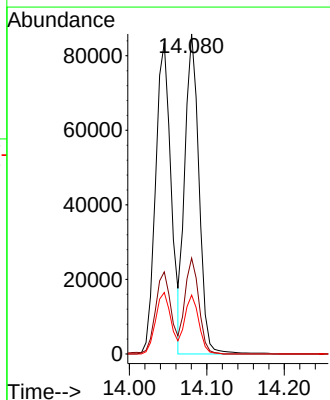
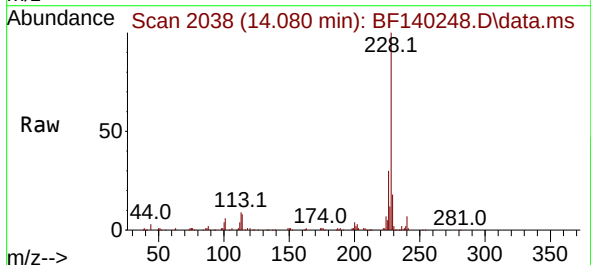
Manual Integrations
APPROVED

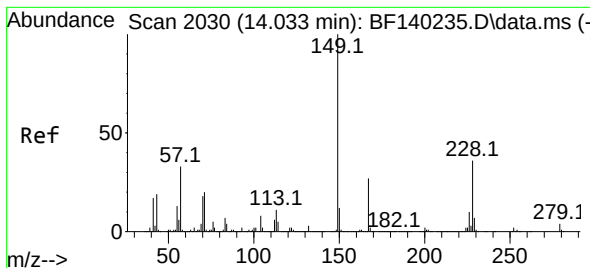
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#83
Chrysene
Concen: 3.918 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

Tgt Ion:228 Resp: 108911
Ion Ratio Lower Upper
228 100
226 30.0 24.6 36.8
229 18.4 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.635 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140248.D

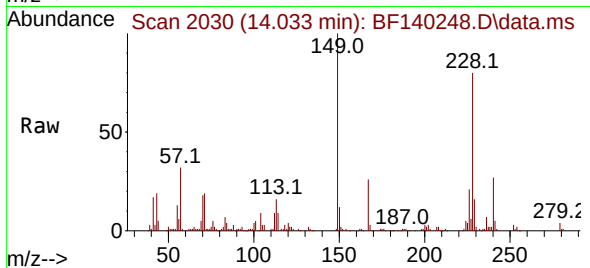
Acq: 05 Nov 2024 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



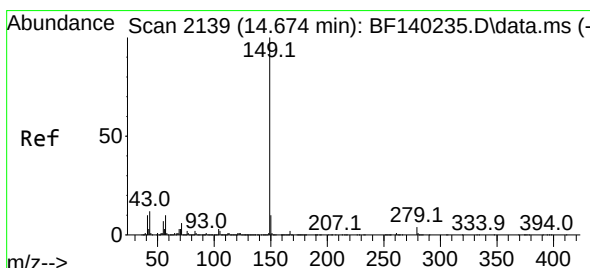
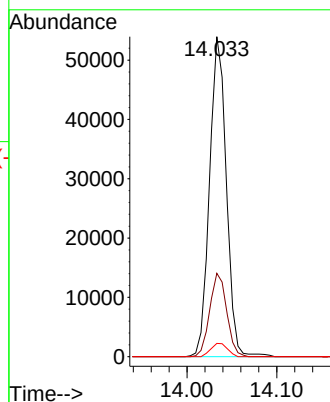
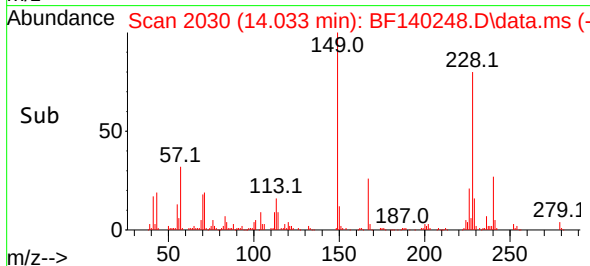
Tgt Ion:	149	Resp:	70062
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.8	32.8
279	4.1	3.2	4.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#85

Di-n-octyl phthalate

Concen: 3.322 ng

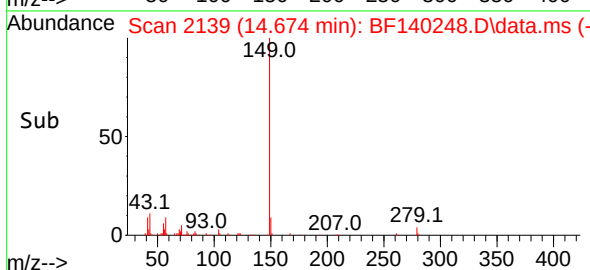
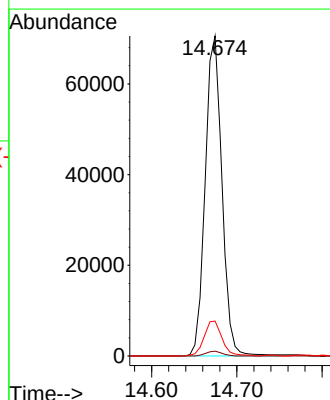
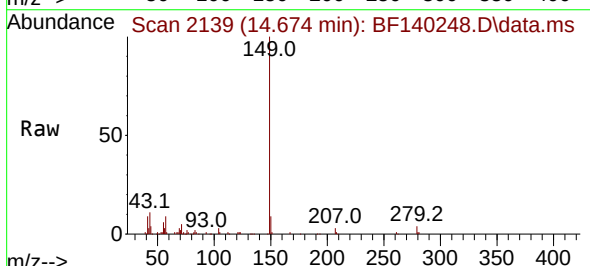
RT: 14.674 min Scan# 2139

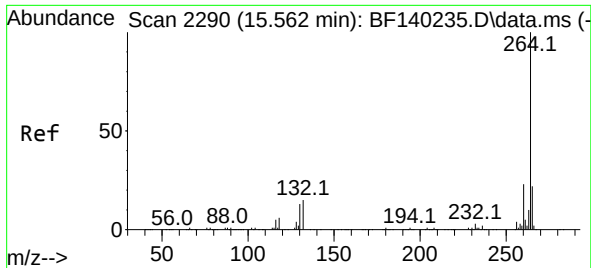
Delta R.T. 0.000 min

Lab File: BF140248.D

Acq: 05 Nov 2024 20:07

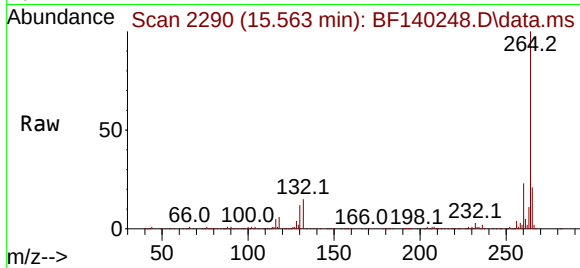
Tgt Ion:	149	Resp:	96385
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.3	1.9
43	11.7	9.7	14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

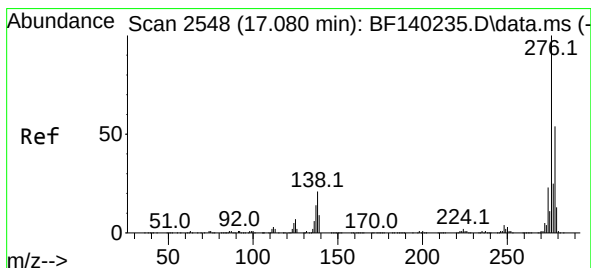
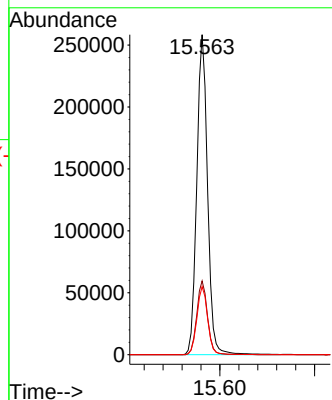
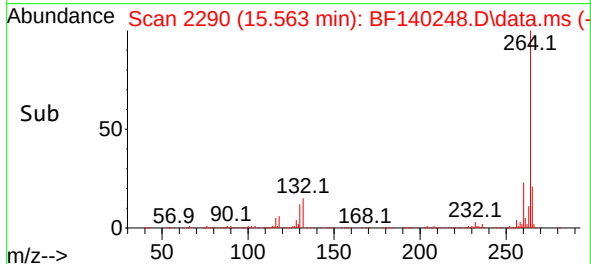
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:264 Resp: 40784
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.2 17.3 25.9

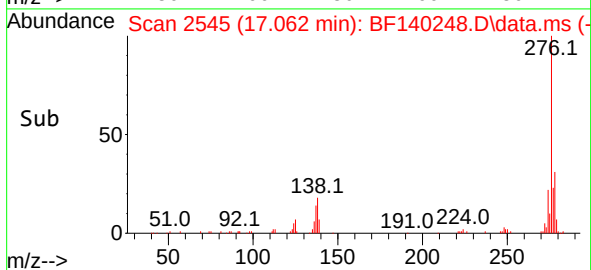
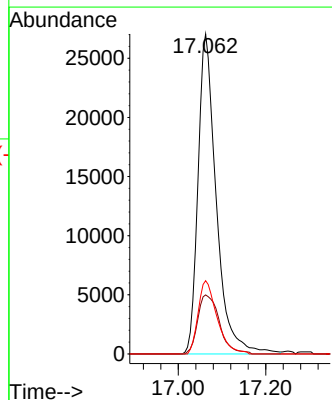
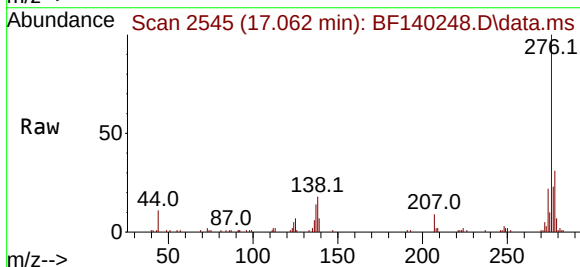
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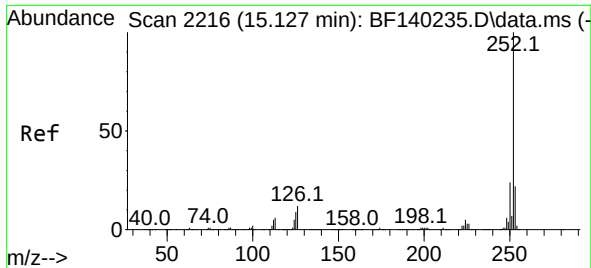
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.288 ng
RT: 17.062 min Scan# 2545
Delta R.T. -0.018 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

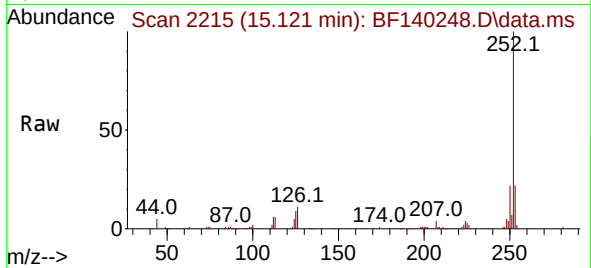
Tgt Ion:276 Resp: 78709
Ion Ratio Lower Upper
276 100
138 21.9 17.6 26.4
277 23.7 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 3.815 ng
RT: 15.121 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

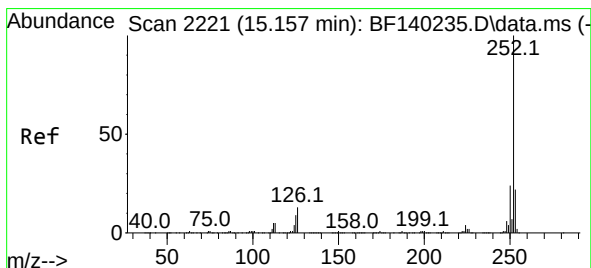
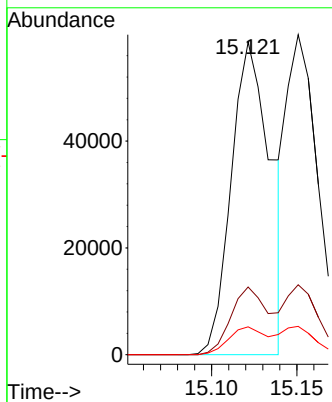
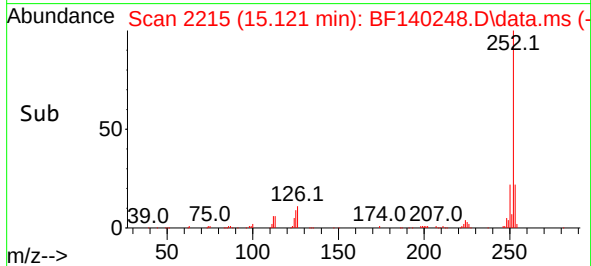
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 94119
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 8.9 7.0 10.6

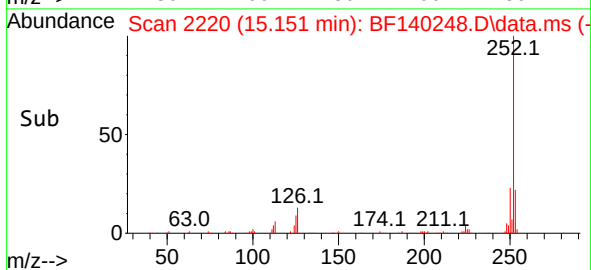
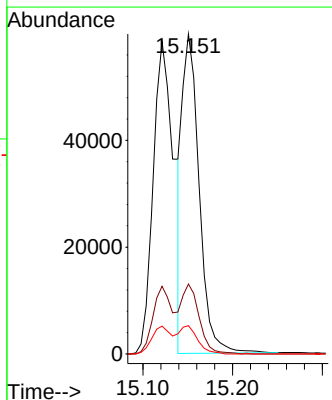
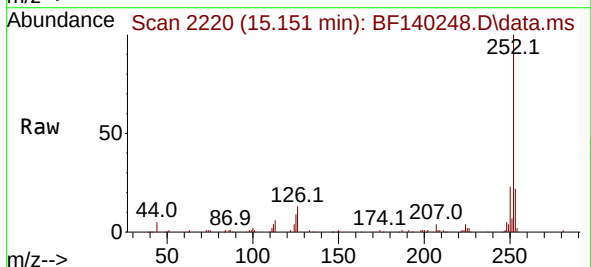
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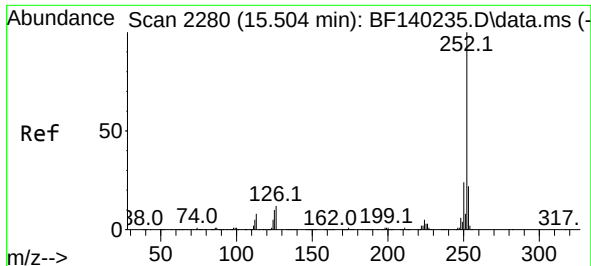
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#89
Benzo(k)fluoranthene
Concen: 3.484 ng
RT: 15.151 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

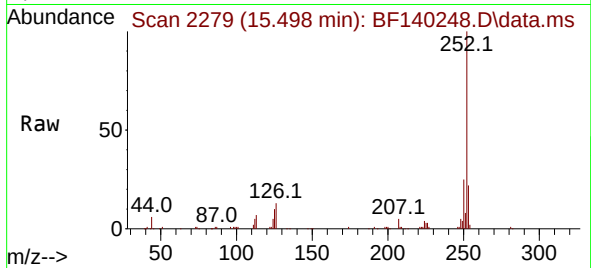
Tgt Ion:252 Resp: 78856
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.8 7.2 10.8





#90
Benzo(a)pyrene
Concen: 3.715 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

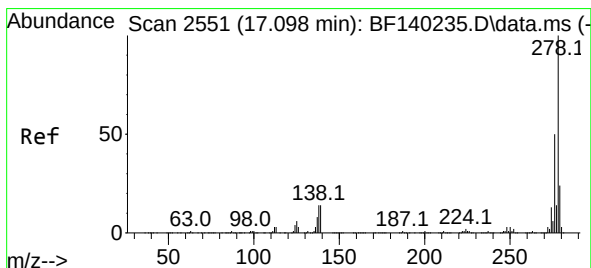
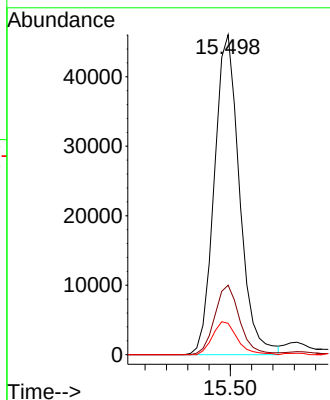
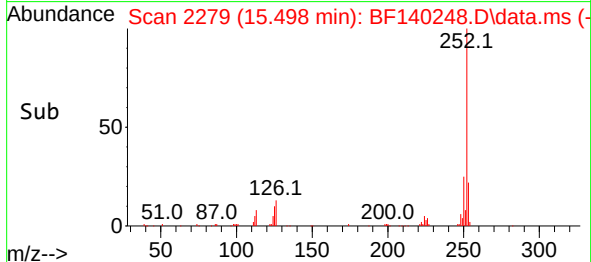
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 75564
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.8 7.6 11.4

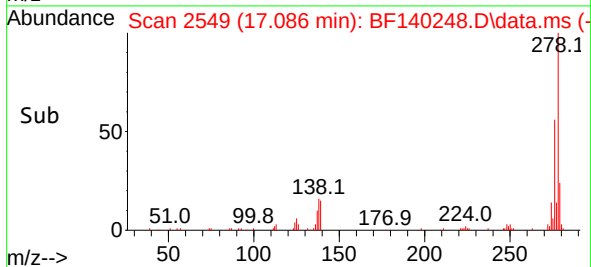
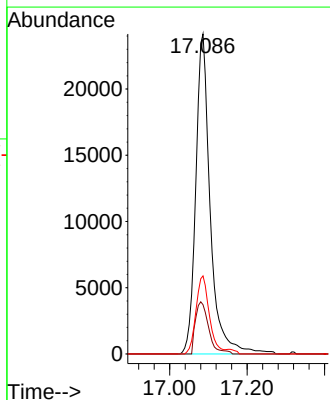
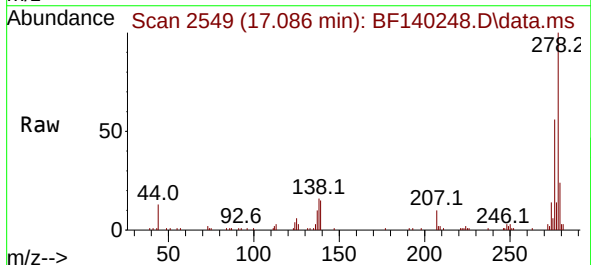
Manual Integrations
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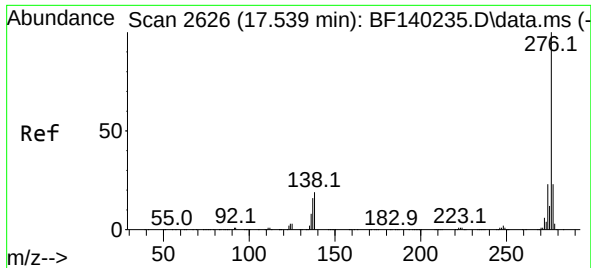
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#91
Dibenzo(a,h)anthracene
Concen: 3.186 ng
RT: 17.086 min Scan# 2549
Delta R.T. -0.012 min
Lab File: BF140248.D
Acq: 05 Nov 2024 20:07

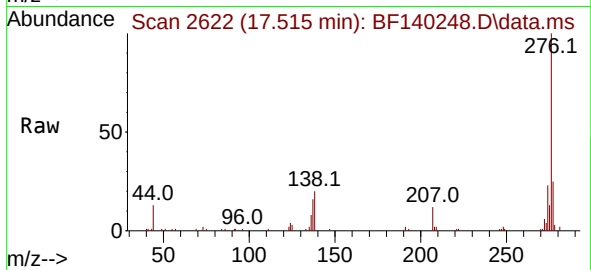
Tgt Ion:278 Resp: 62757
Ion Ratio Lower Upper
278 100
139 15.4 11.1 16.7
279 24.4 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 3.046 ng
 RT: 17.515 min Scan# 20
 Delta R.T. -0.023 min
 Lab File: BF140248.D
 Acq: 05 Nov 2024 20:07

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



Tgt Ion:276 Resp: 6120
 Ion Ratio Lower Upper
 276 100
 277 25.0 18.8 28.2
 138 19.6 15.3 22.9

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

